Second-Grade Math Minutes

One Hundred Minutes to Better Basic Skills

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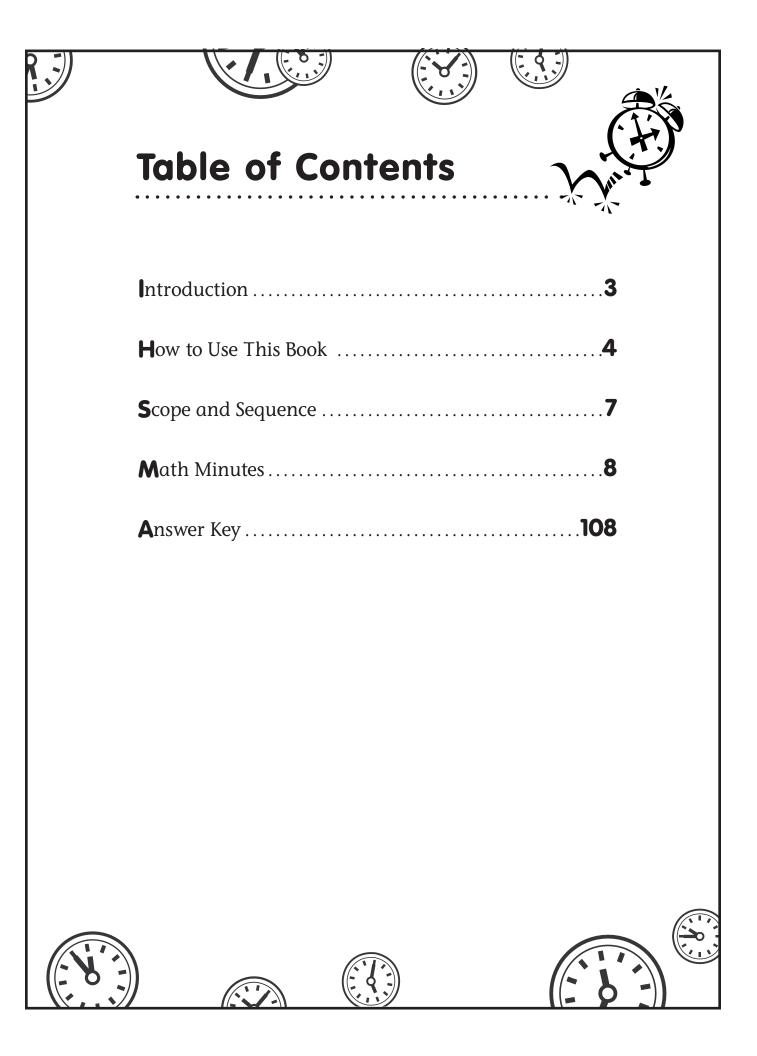
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The focus of *Second-Grade Math Minutes* is math fluency—teaching students to solve problems effortlessly and rapidly. The problems in this book provide students with practice in key areas of second-grade math instruction, including

- using a number line
- skip counting
- basic addition and subtraction
- story problems
- graphs
- writing numbers
- plane and space figures
- money
- measurement
- perimeter
- fractions

Use this comprehensive resource to improve your students' overall math fluency, which will promote greater self-confidence in their math skills as well as provide the everyday practice necessary to succeed in a testing situation.

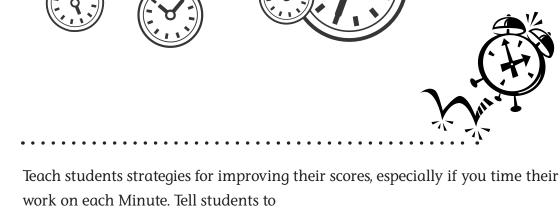
Second-Grade Math Minutes features 100 "Minutes." Each Minute consists of ten classroom-tested problems for students to try to complete in one minute. Because each Minute includes questions of varying degrees of difficulty, the amount of time students need to complete each Minute will vary at first. This unique format offers students an ongoing opportunity to improve their own fluency in a manageable, nonthreatening format. The quick, one-minute format combined with instant feedback makes this a challenging and motivational assignment students will look forward to each day. Students become active learners as they discover mathematical relationships and apply acquired understanding to the solution of realistic problems in each Minute.



Second-Grade Math Minutes is designed to be implemented in numerical order. Students who need the most support will find the order of skills as introduced most helpful in building and retaining confidence and success. For example, the first time that students are asked to solve a word problem, an illustration is provided. Eventually, students are asked to solve word problems without the support of an illustration.

Second-Grade Math Minutes can be used in a variety of ways. Use one Minute a day for warm-up activities, bell-work, review, assessment, or a homework assignment. Keep in mind that students will get the most benefit from their daily Minute if they receive immediate feedback. If you assign the Minute as homework, correct it in class at the beginning of the day.

If you use the Minutes as a timed activity, place the paper facedown on the students' desks, or display it as a transparency. Use a clock or kitchen timer to measure one minute. Encourage students to concentrate on completing each problem successfully and not to dwell on problems they cannot complete. At the end of the minute, have students stop working. Then, read the answers from the answer key (pages 108–112), or display them on a transparency. Have students correct their own work and record their score on the Minute Journal reproducible (page 6). Then, have the class go over each problem together to discuss the solution(s). Spend more time on problems that were clearly challenging for most of the class. Tell students that difficult problems will appear on future Minutes and they will have other opportunities for success.



- leave more time-consuming problems for last
- come back to problems they are unsure of after they have completed all other problems
- make educated guesses when they encounter problems they are unfamiliar with
- rewrite word problems as number problems
- use mental math wherever possible

Students will learn to apply these strategies to other timed-test situations.

The Minutes are designed to improve math fluency and should not be included as part of a student's overall math grade. However, the Minutes provide an excellent opportunity for you to see which skills the class as a whole needs to practice or review. This knowledge will help you plan the content of future math lessons. A class that consistently has difficulty with reading graphs, for example, may make excellent use of your lesson in that area, especially if they know they will have other opportunities to achieve success in this area on future Minutes. Have students file their Math Journal and Minutes for that week in a location accessible to you both. Class discussions of the problems will help you identify which math skills to review. However, you may find it useful to review the Minutes on a weekly basis before sending them home with students at the end of the week.

While you will not include student Minute scores in your formal grading, you may wish to recognize improvements by awarding additional privileges or offering a reward if the entire class scores above a certain level for a week or more. Showing students that you recognize their efforts provides additional motivation to succeed!

	• • •	linu	Jte	e Jo	bur	na		• • • • • •		i vin	
Name ^{etnute}	Date	Score	Minute	Date	Score	Minute	Date	Score	Minute	Date	Score
1			26			51	_		76		
2			27			52			77		
3			28			53			78		
4			29			54			79		
5			30			55			80		
6			31			56			81		
7			32			57			82		
8			33			58			83		
9			34			59			84		
10			35			60			85		
n			36			61			86		
12			37			62			87		
13			38			63			88		
14			39			64			89		
15			40			65			90		
16			41			66			91		
17			42			67			92		
18			43			68			93		
19			44			69			94		
20			45			70			95		
21			46			71			96		
22			47			72			97		
23			48			73			98		
24			49			74			99		



Scope and Sequence

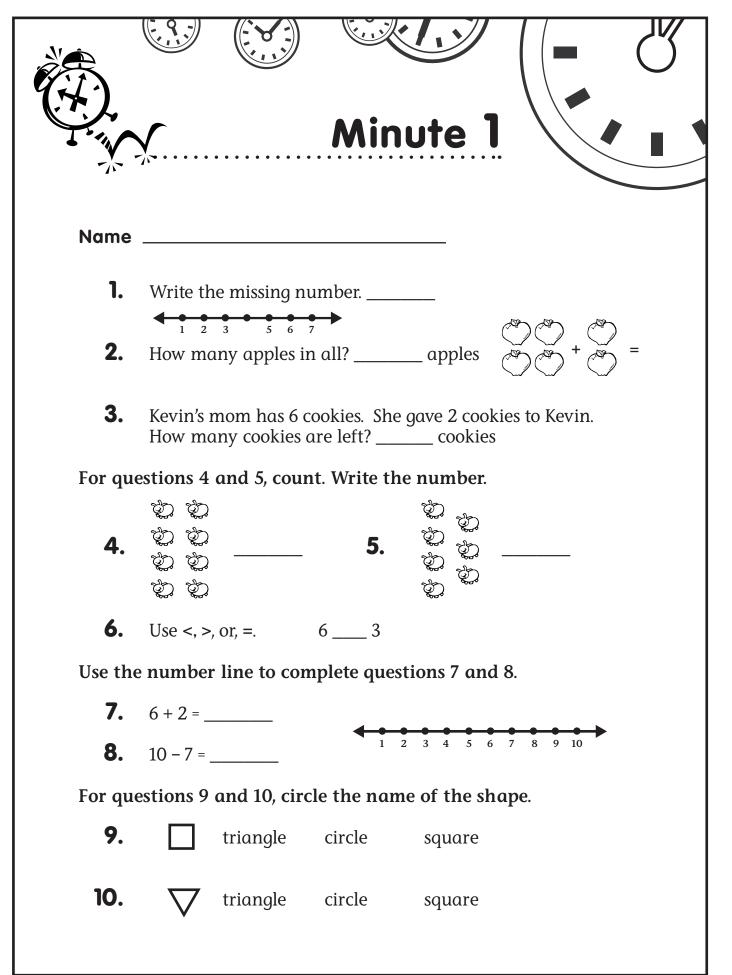
SKILL	MINUTE IN WHICH SKILL FIRST APPEARS
Basic Addition and Subtraction	
Number Sense (counting)	
Greater Than/Less Than/Equal To	
Plane Shapes	
Story Problems (addition and subtr	action)1
Pictographs	
0	
Skip Counting	
	ubtrahends3
, , , ,	
5	without Regrouping 5
6	
6	
5	
	with Regrouping
-	
6	
	ration (+, –, =)
c	
.	
	Digit Numbers without Regrouping. 43
-	s with Regrouping53
-	
6	rith Regrouping 55
Dozen/Half Dozen	
Probability	
Fractions	
Multiplication Concepts	
Counting on 100	
Temperature	
Division Concepts	

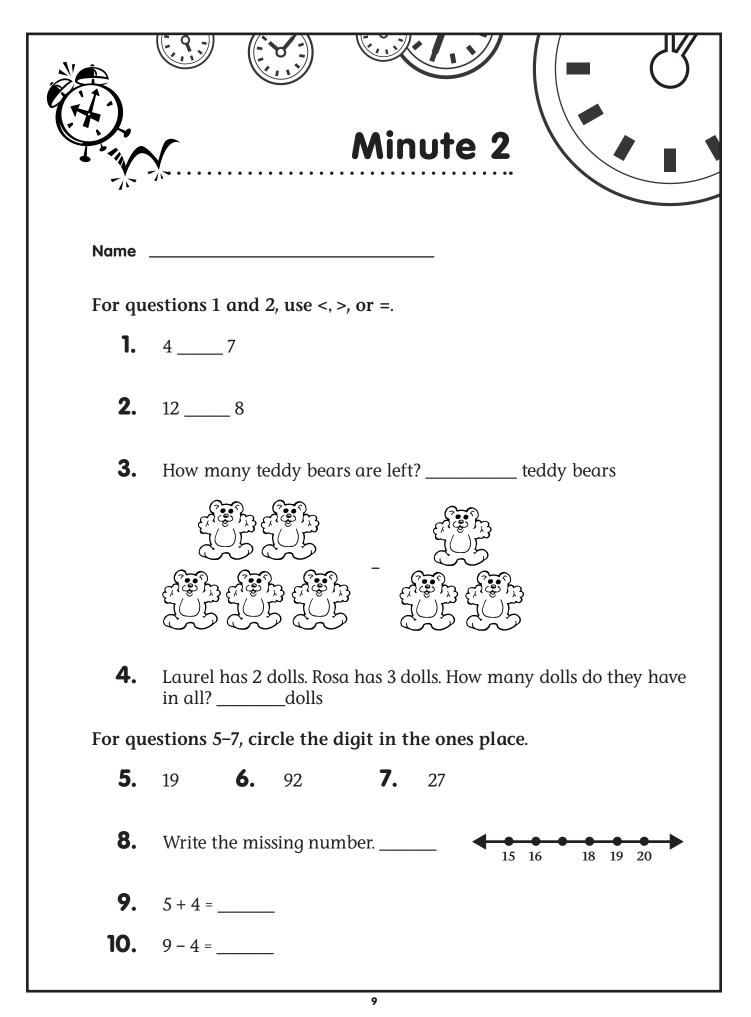


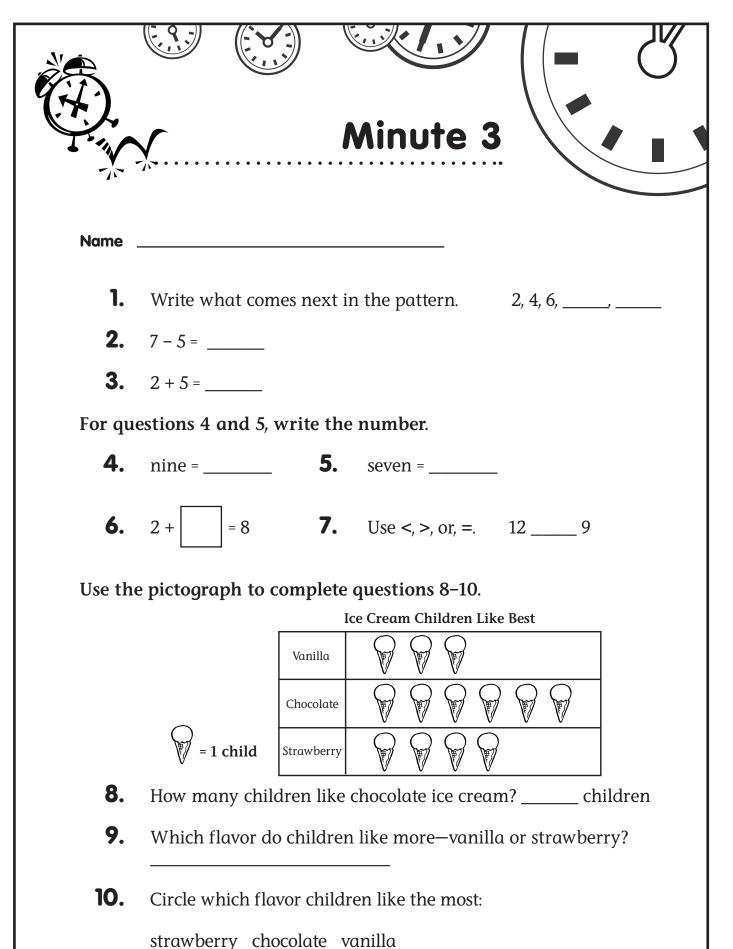


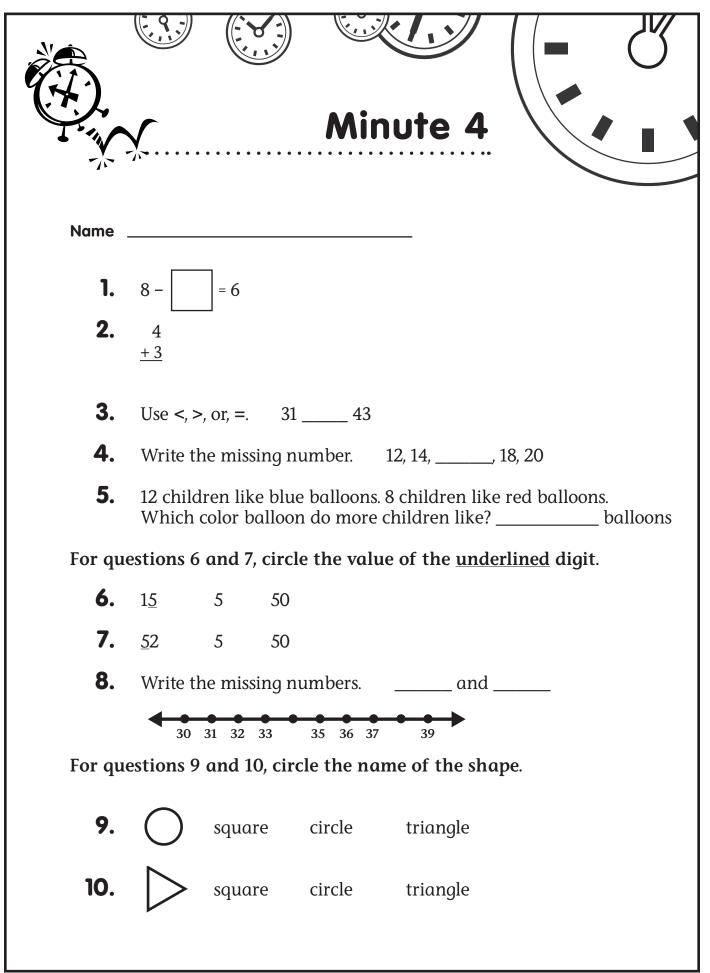


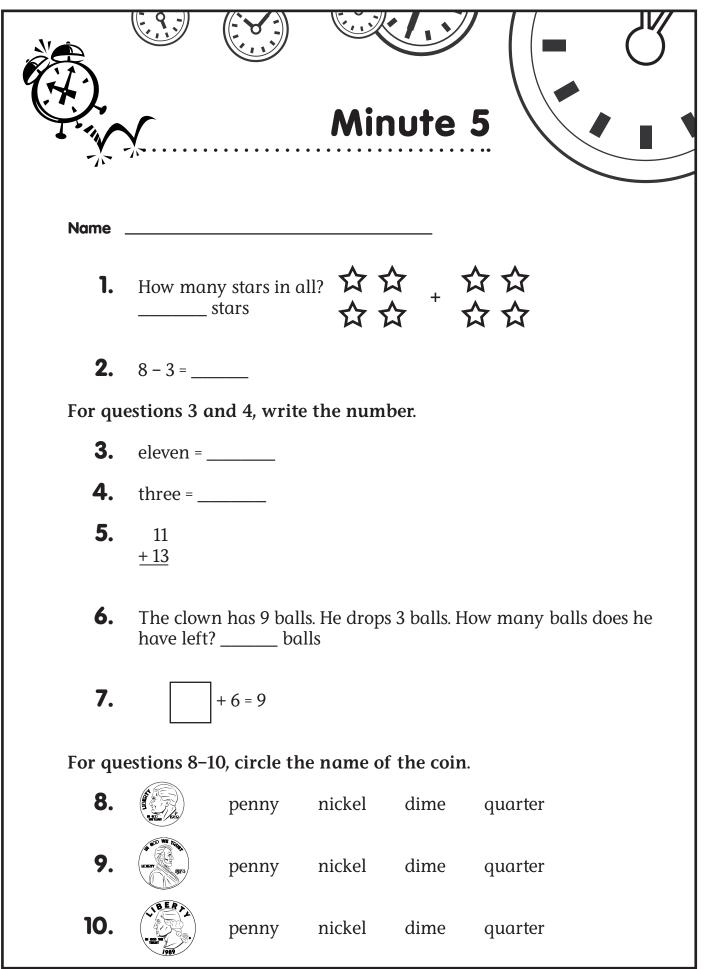


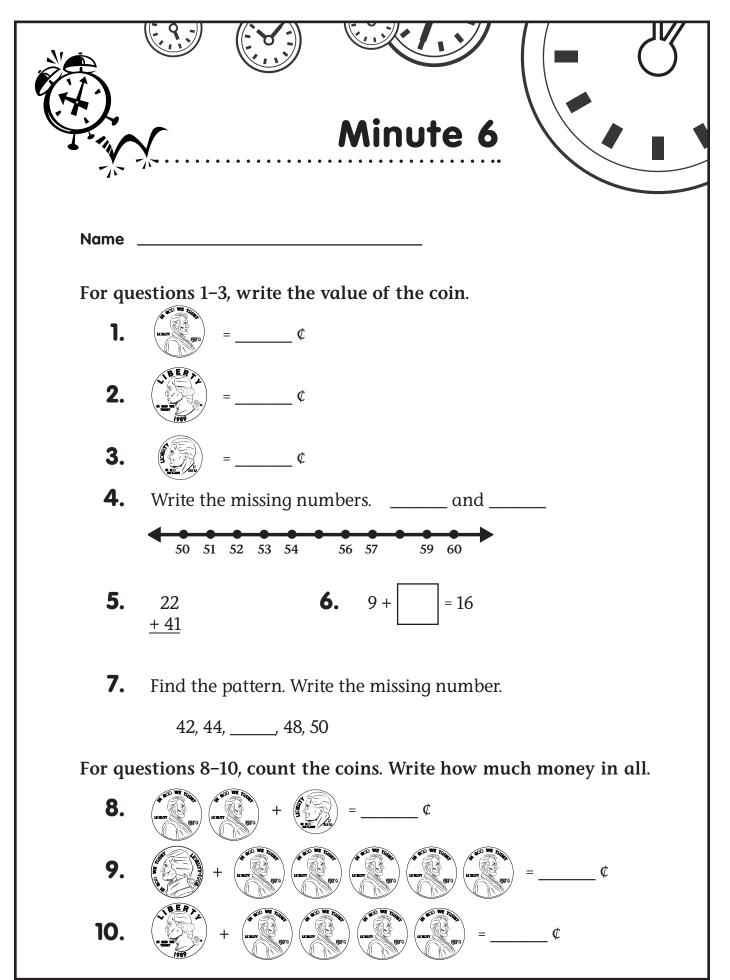




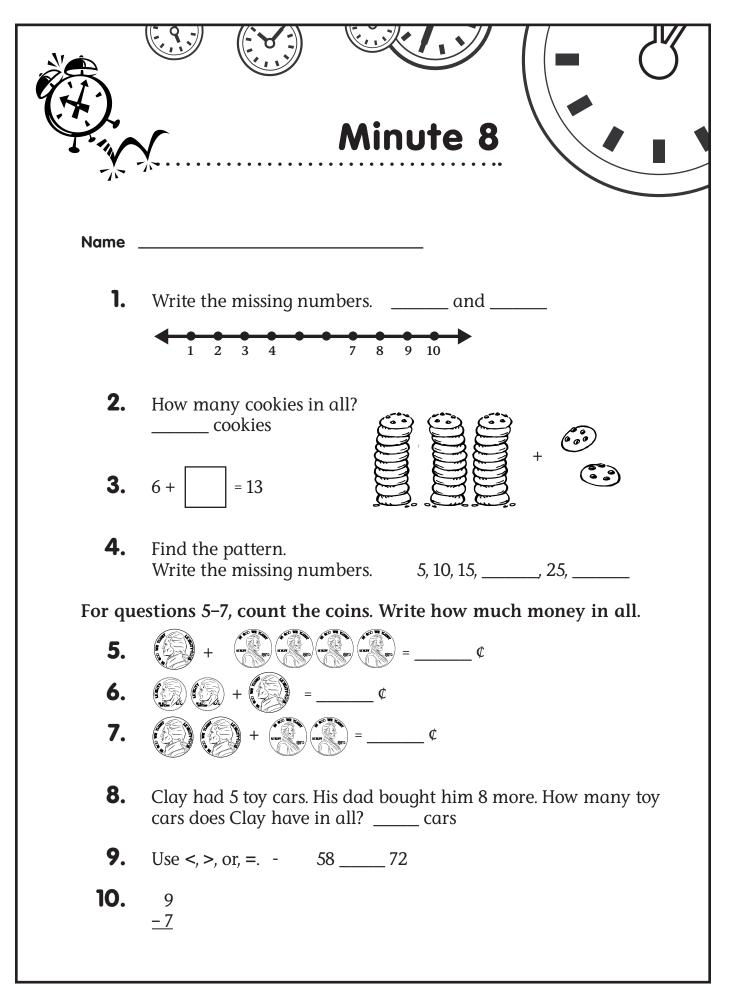


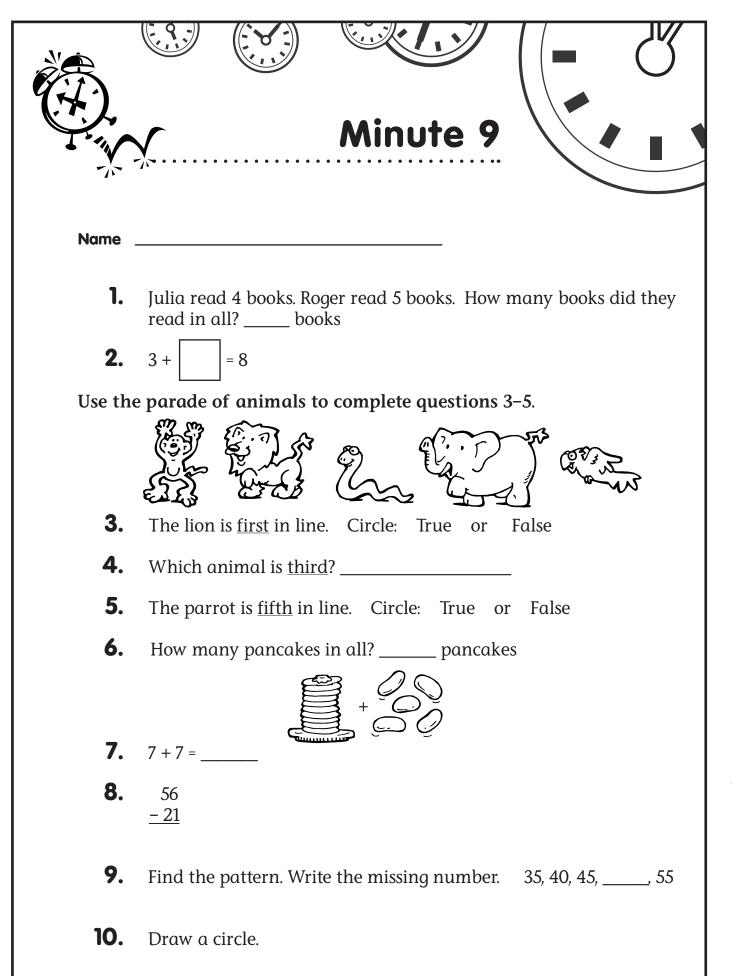


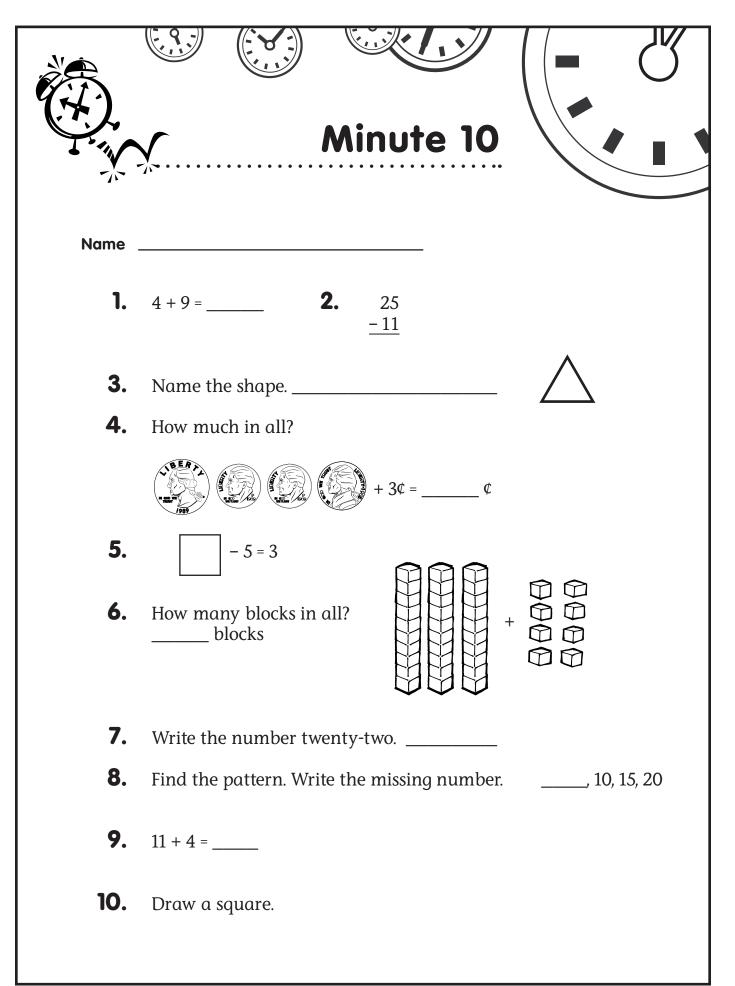


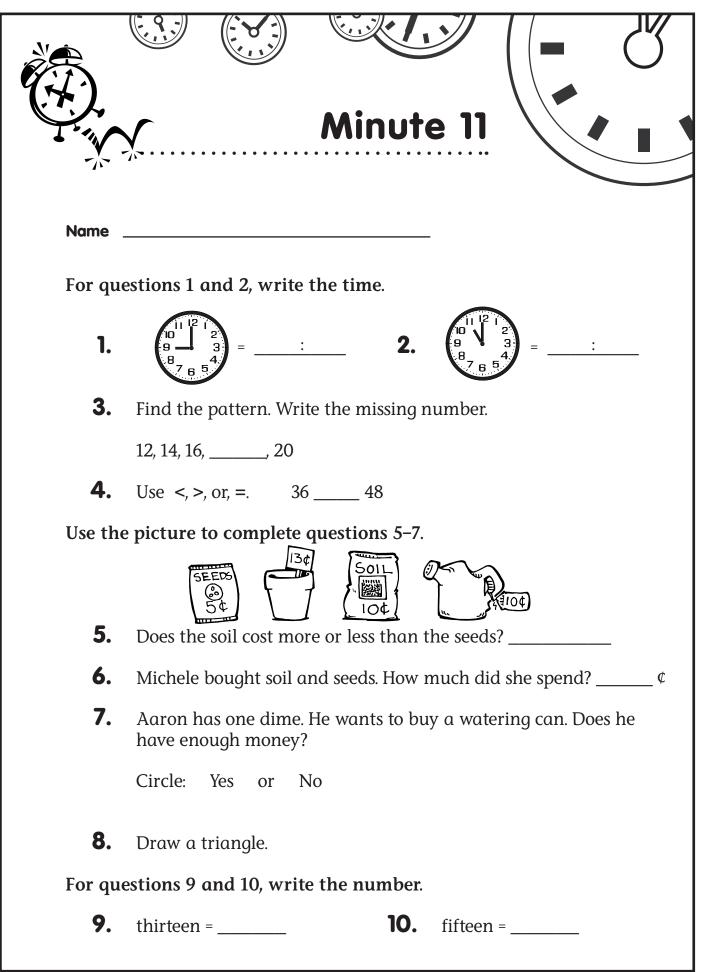


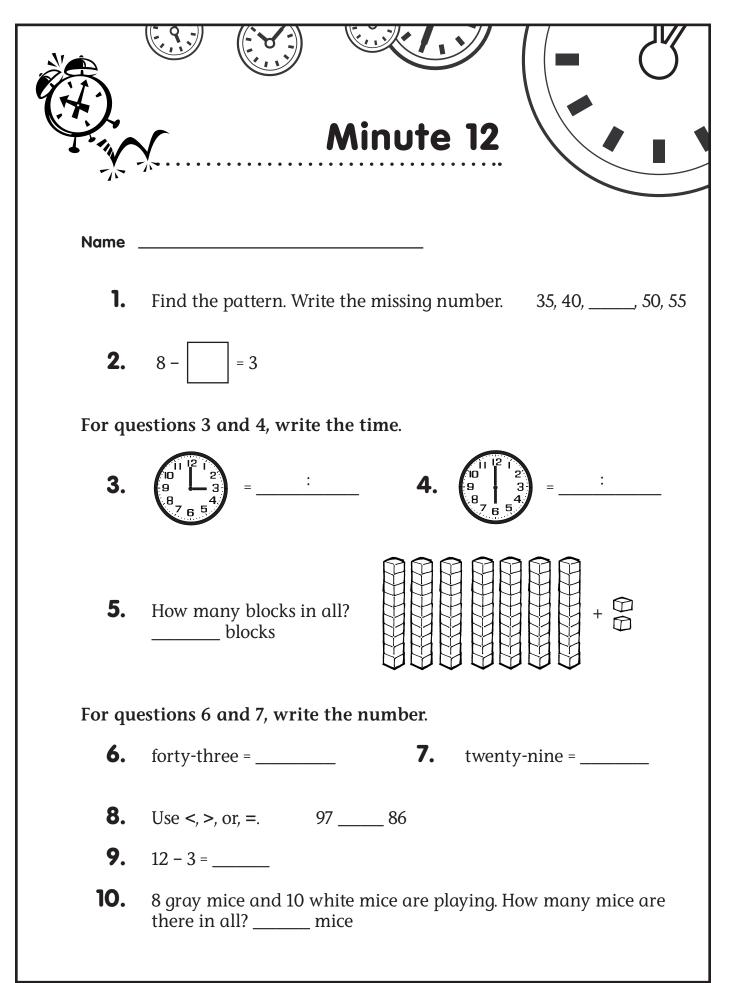
	Minute 7
Name	
For que	estions 1–3, use <, >, or, =.
1.	6 3
2.	12 18
3.	89 92
4.	This coin is called a <u>nickel</u> .
	Circle: True or False
For que	estions 5 and 6, write the number.
5.	eight =
6.	twelve =
For que	estions 7 and 8, find the pattern. Write the missing number.
7.	2, 4, 6,, 10, 12
8.	5, 10,, 20, 25, 30
9.	9 + 9 =
10.	8 <u>- 5</u>





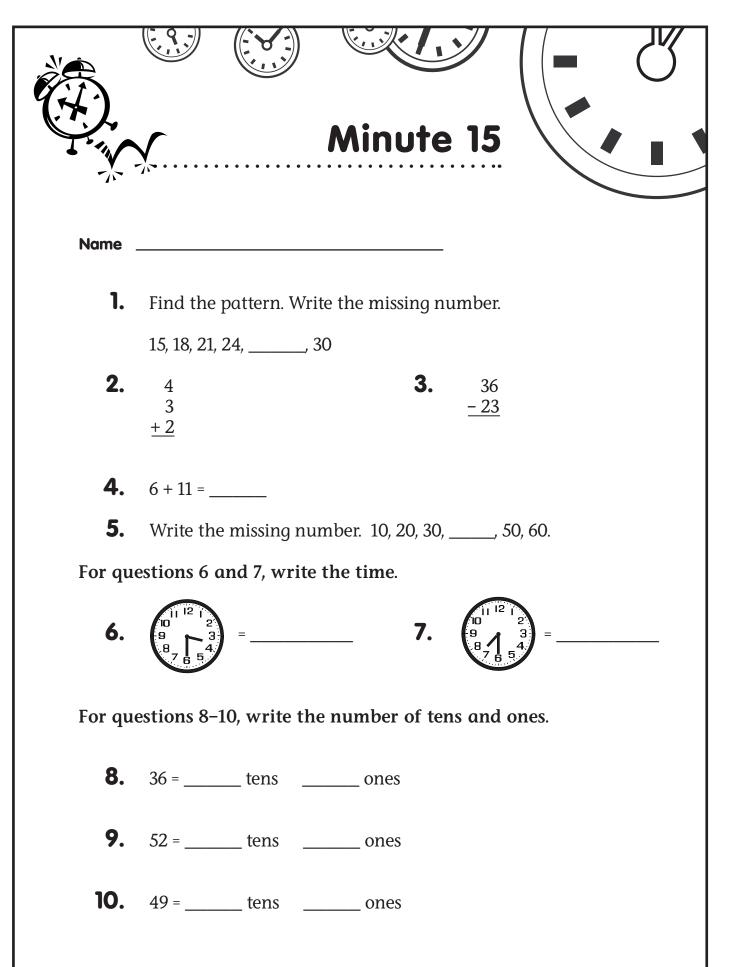


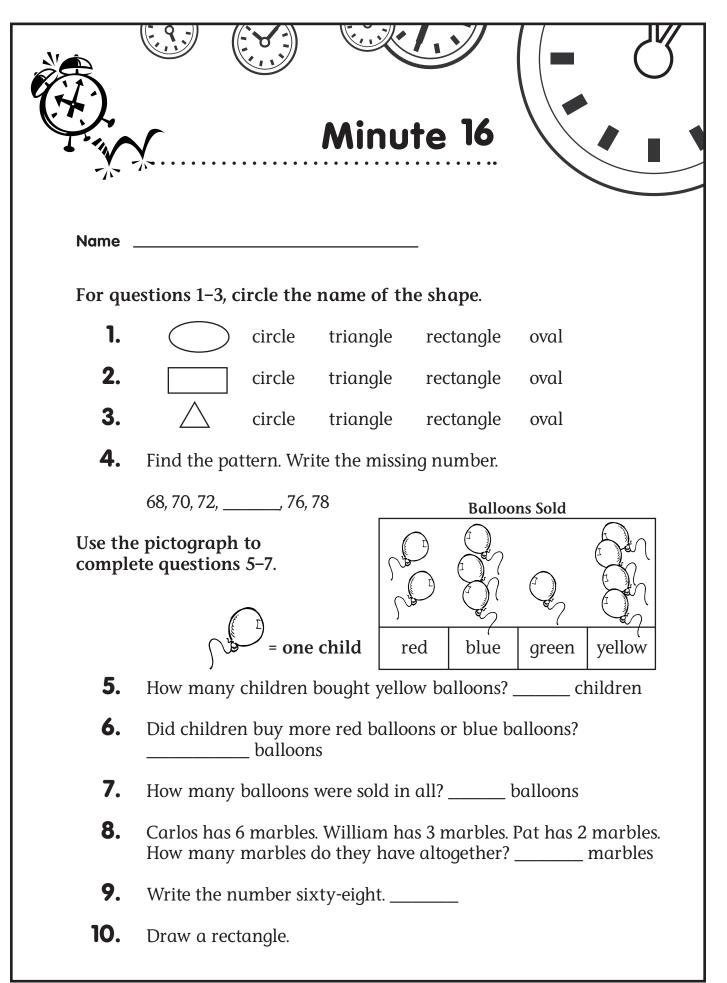


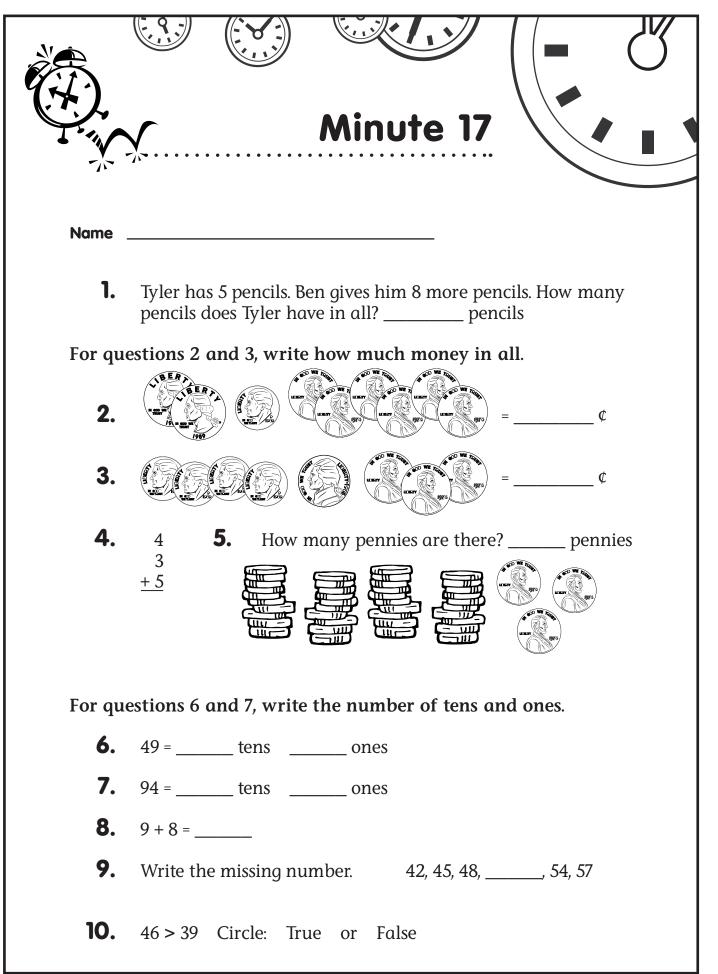


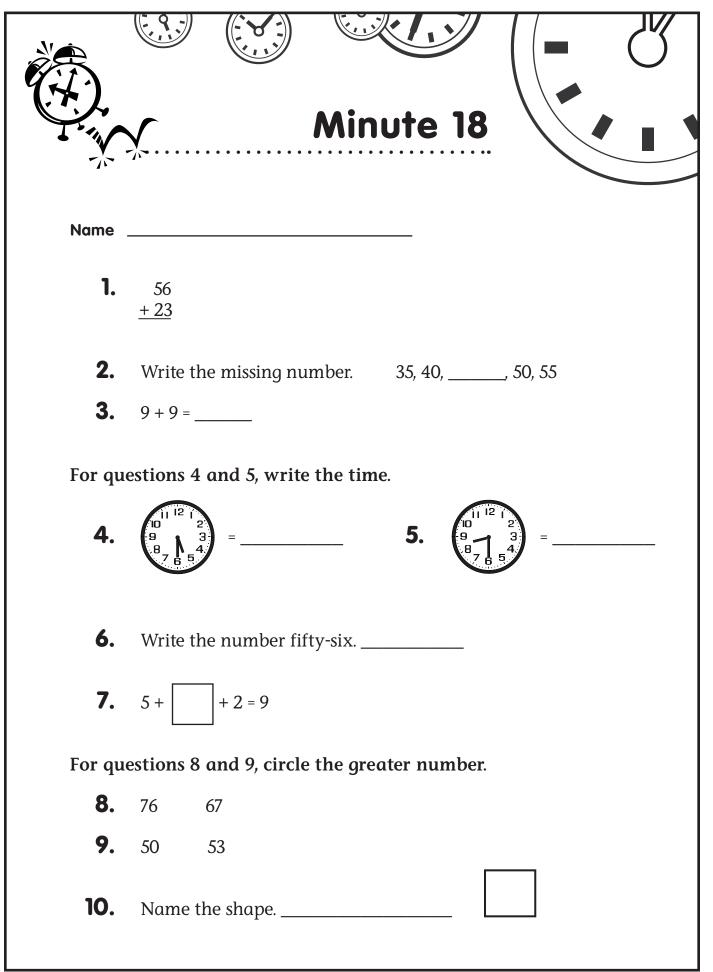
	Minute 13
Name _	
1.	Find the pattern. Write the missing number. 3, 6, 9, 12,, 18
2.	Draw the clock hands to show 10:00. 10 29 38 4
3.	12 + 14 =
4.	18 – 8 =
For que	estions 5 and 6, write the number.
5.	twenty-two = 6. forty-five =
Use the	e picture to complete questions 7–9.
7.	What is second in line?
8.	Is the train fifth or sixth in line?
9.	What is fourth in line?
10.	How much money in all? (42)
	en lois en lois en lois

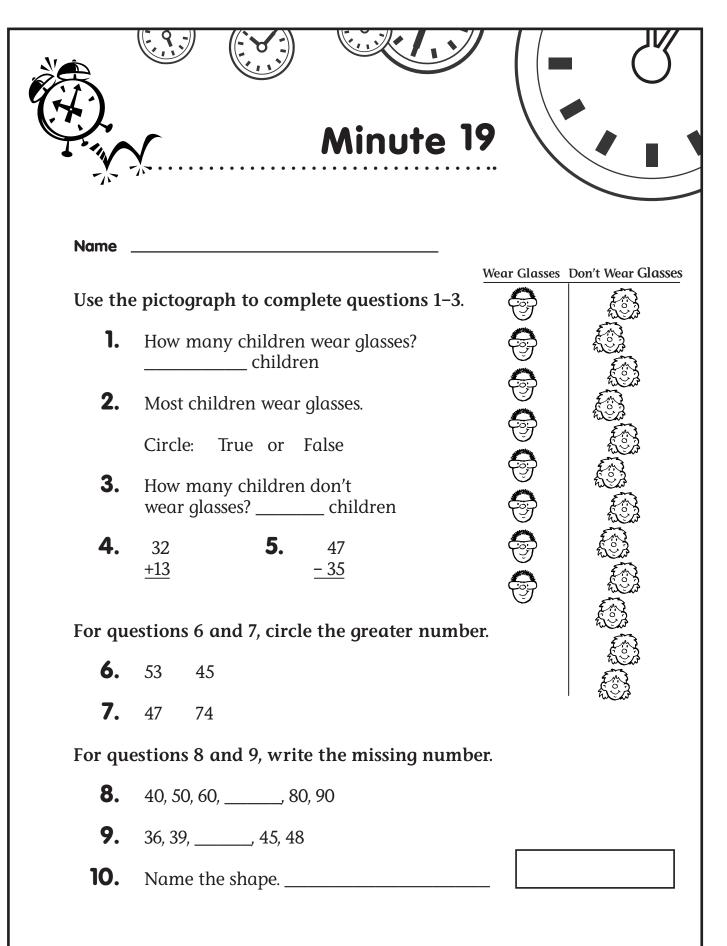
Minute 14 Name _ For questions 1 and 2, write how much money in all. 1. 2. 3. Write the number thirty-six. Find the pattern. Write the missing number. 3, 6, ____, 12, 15 4. 5. 3 + 2 + 5 = For questions 6 and 7, write the digit in the tens place. 6. 48 _____ 7. 85 Use the pictograph to complete questions 8-10. Pond Life 8. How many fish live in the pond ? ______ fish 9. Do more turtles or frogs live in the pond? 10. How many animals in all live in the pond? ______ animals



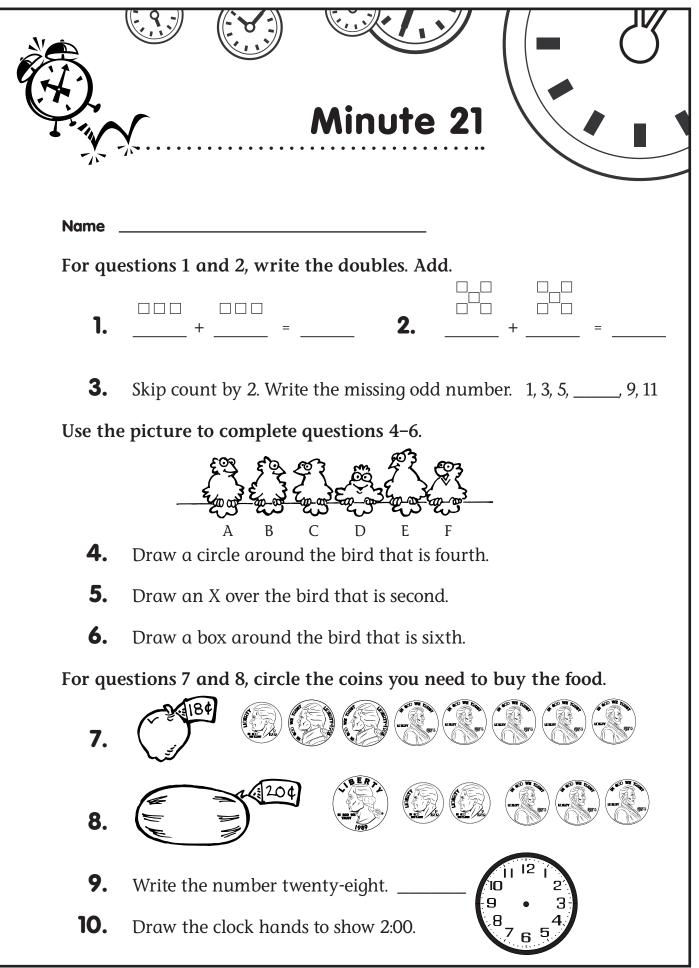


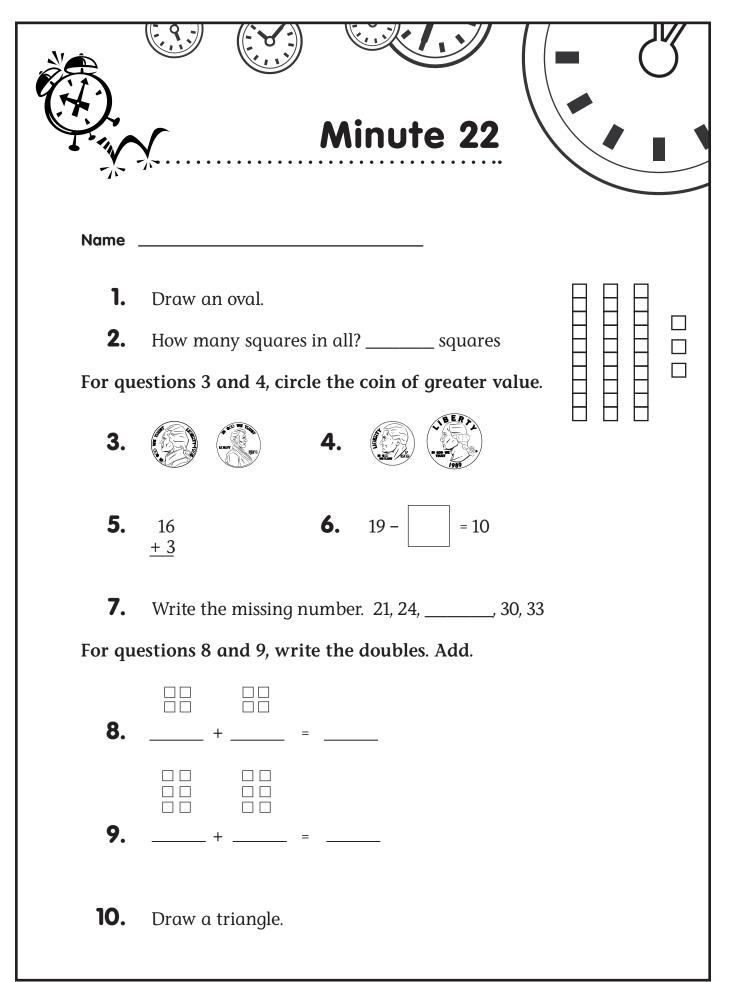


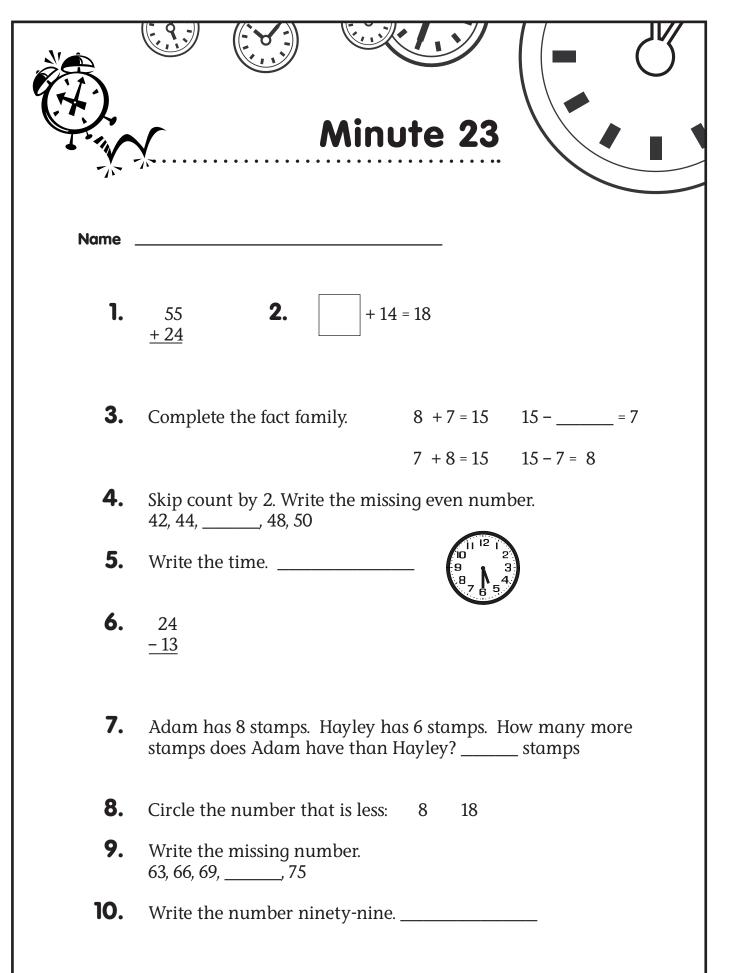


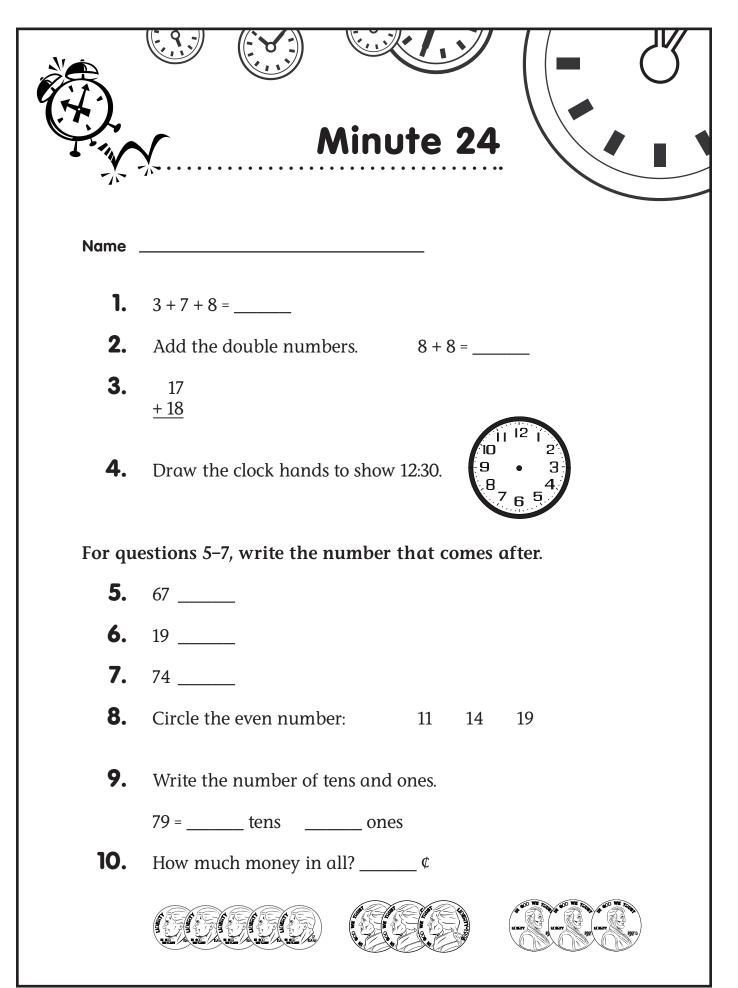


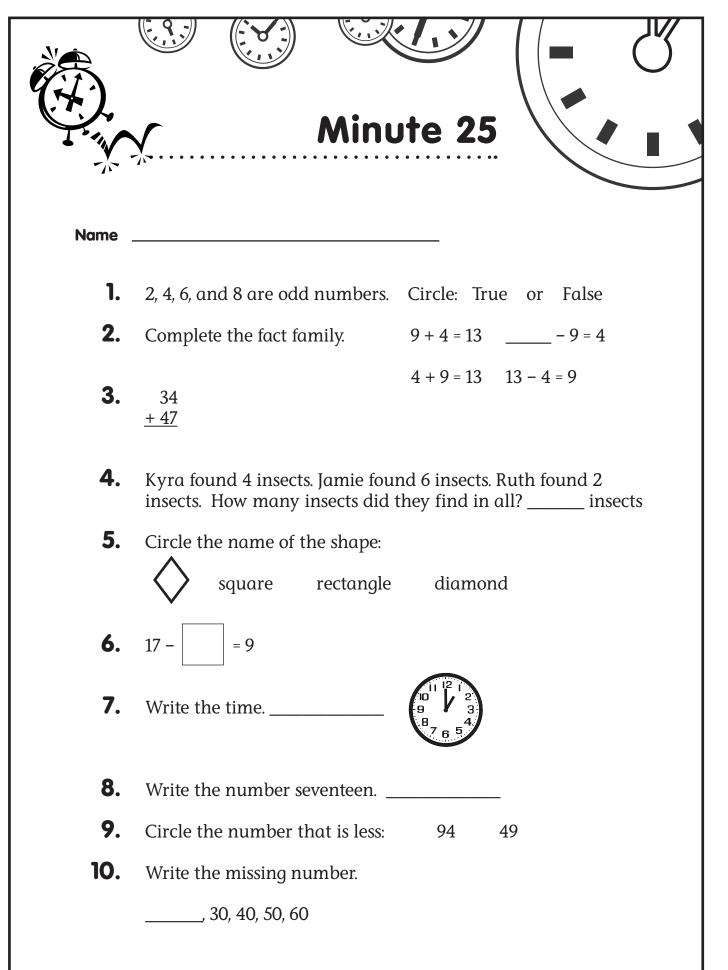
. L	
E AIN	Minute 20
-V.	
Name	
1.	5 + 12 =
2.	Mason has 4 cars. Rhonda has 5 cars. How many cars do they have altogether? cars
3.	3 3 $+ 4$
	(' A and " and the sector of the underlined digit
or qu 4 .	estions 4 and 5, write the value of the underlined digit.
 5.	<u>23</u>
•••	Write the missing number. 86, 87, 88,, 90, 91
6.	
6. 7.	Write how much money in all.
	Write how much money in all. (
7. 8.	
7. 8. For qu	Write the number seventy-three.

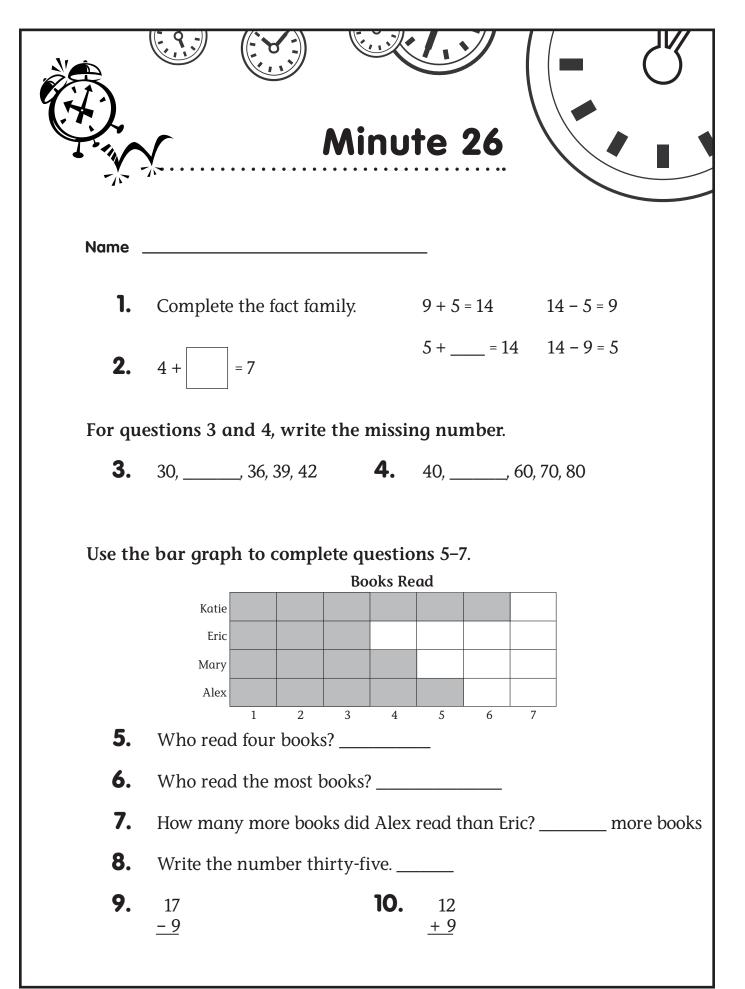


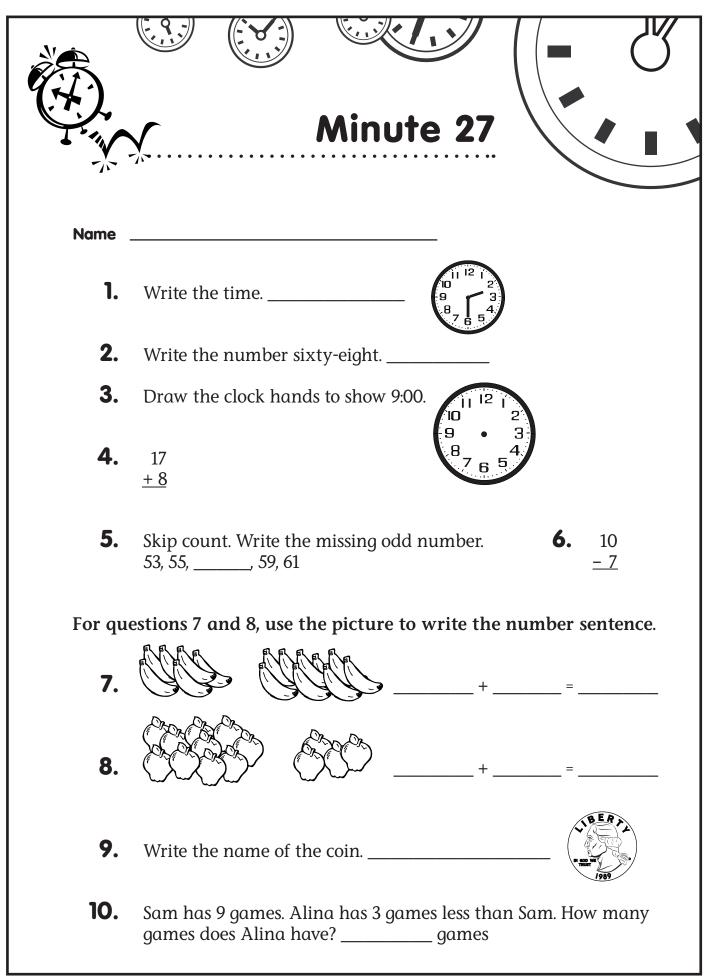


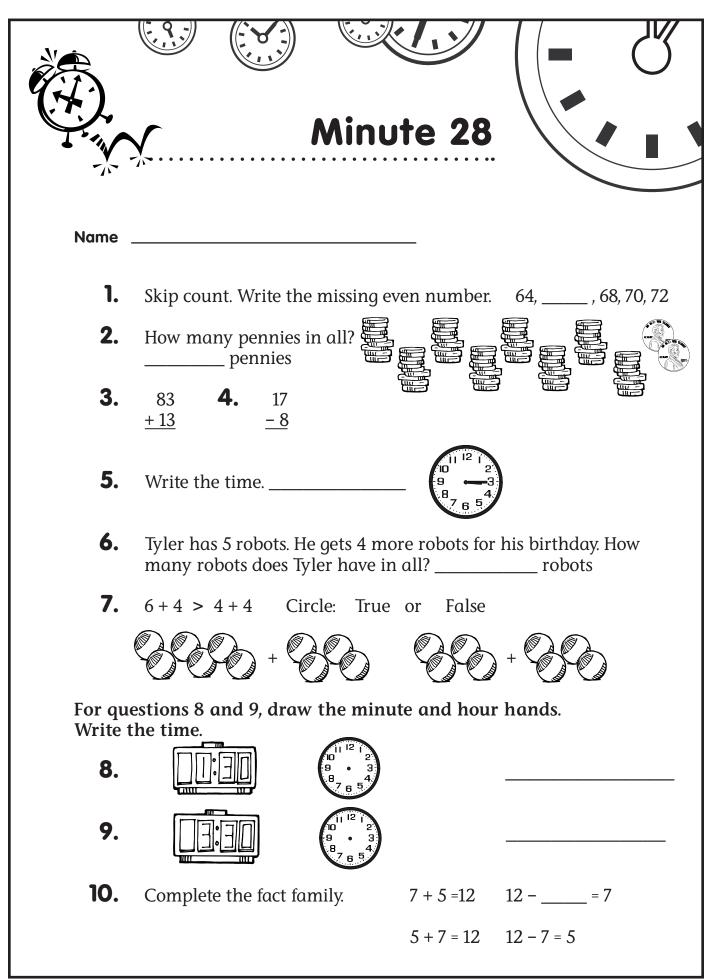


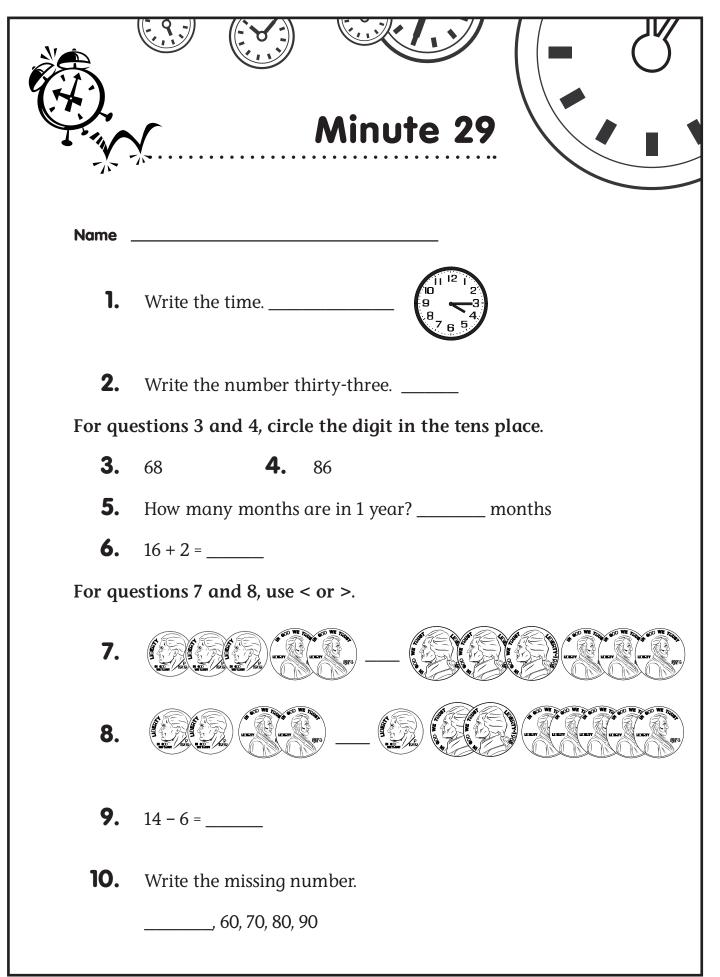




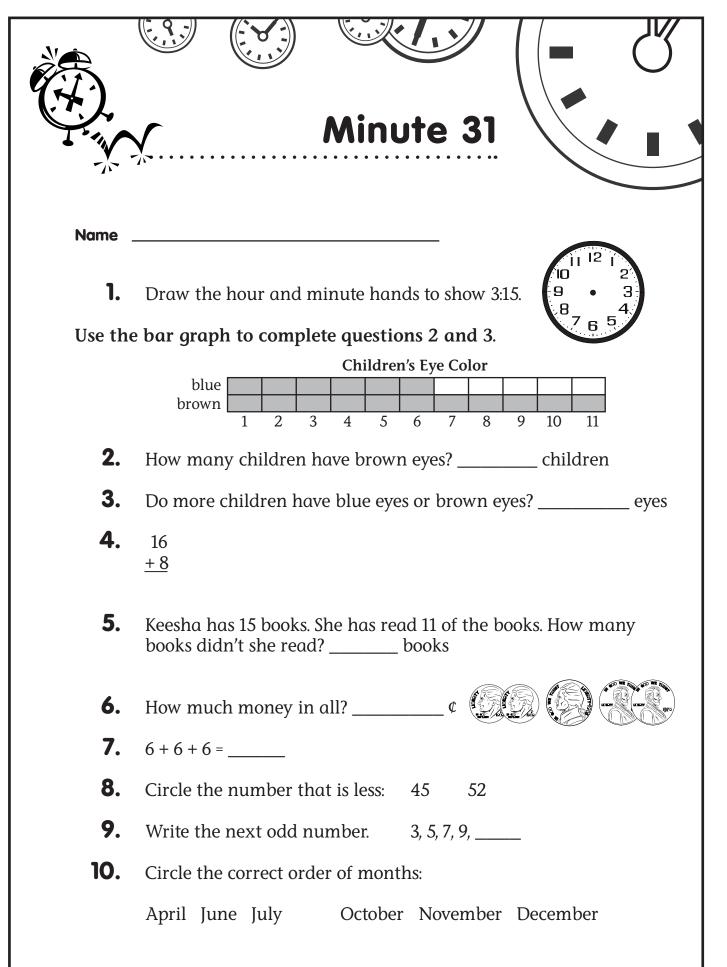


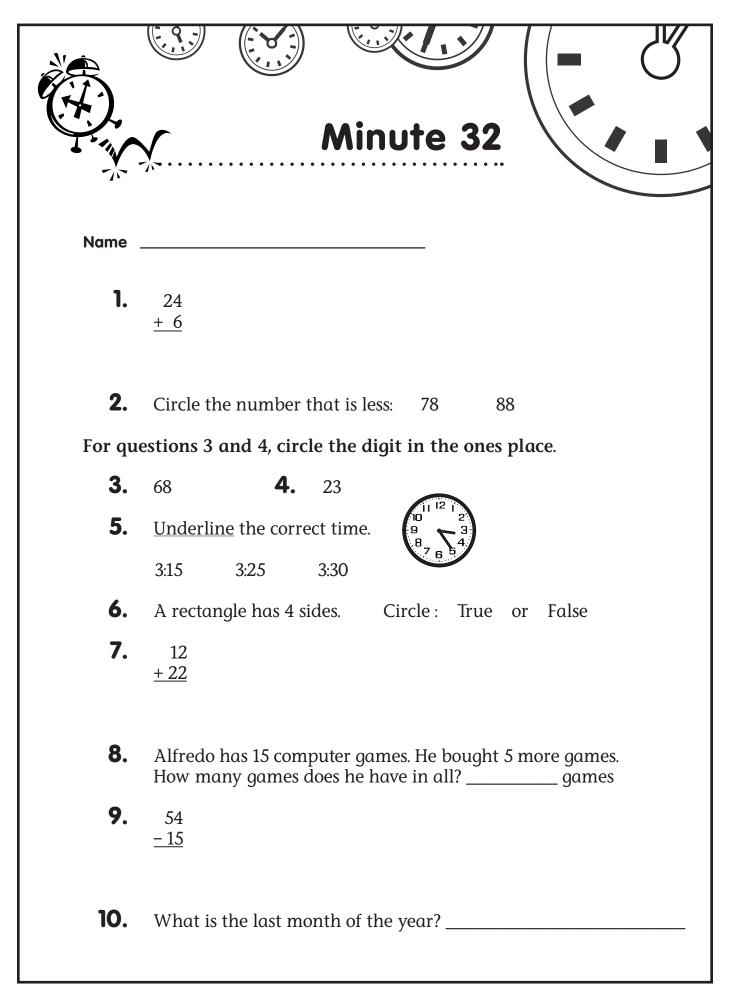


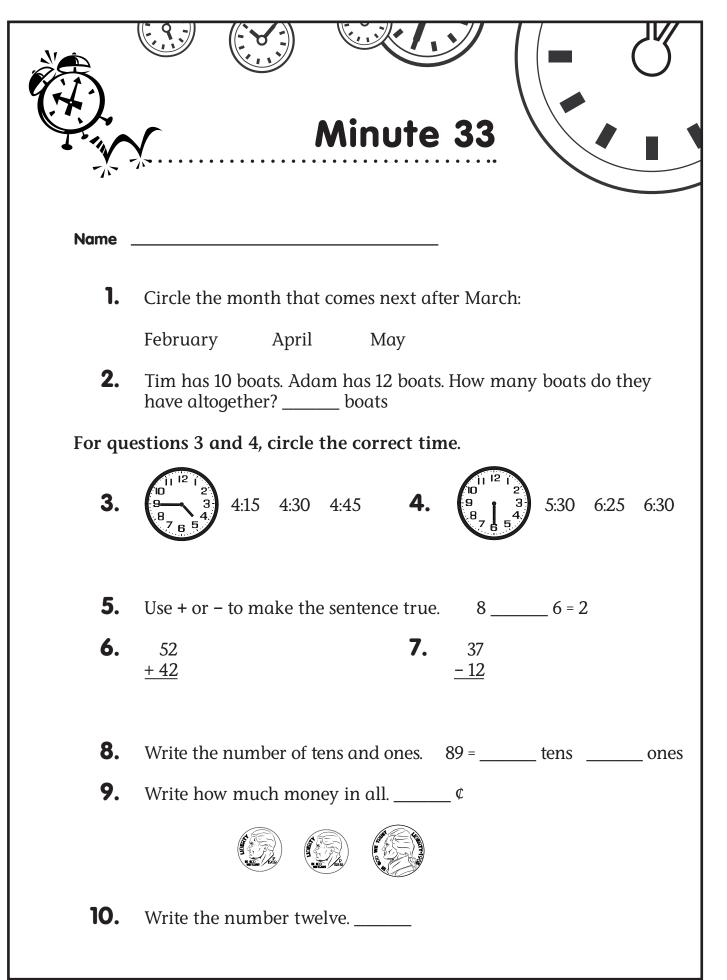




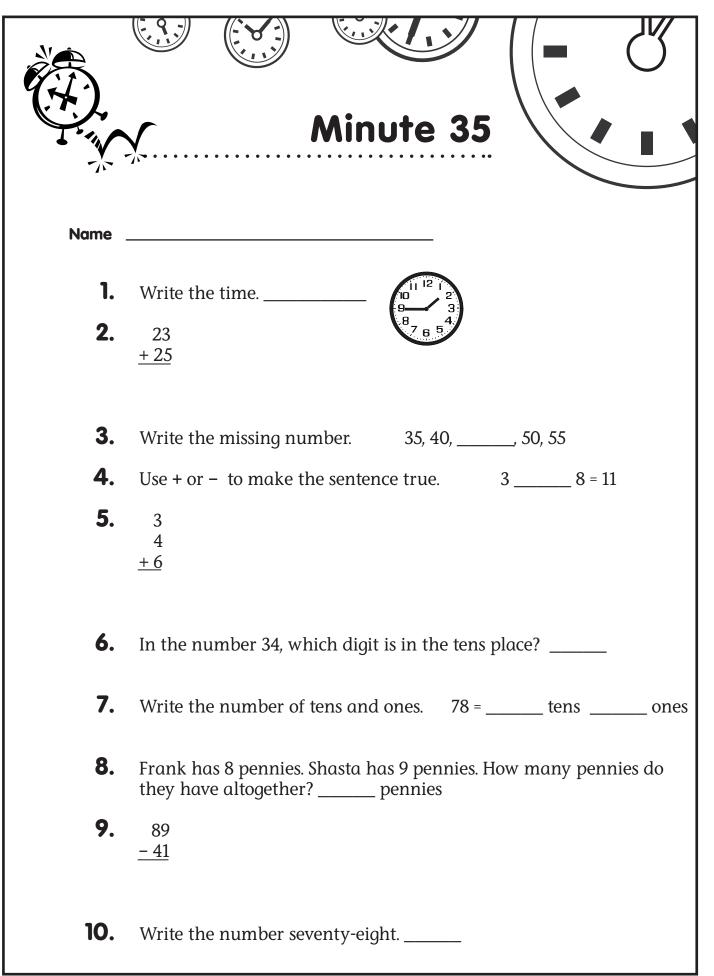
	Minute 30
Name	
1.	Circle the name of the first month of the year:
	May December February January
2.	24 <u>- 8</u>
3.	Tabby has 8 kittens. Bootsie has 5 kittens. How many more kittens does Tabby have than Bootsie? kittens
4.	Write the time 9 9 3 8 7 6 5
For que	estions 5 and 6, write the words in order.
5.	second first third
6.	fifth sixth fourth
For que	estions 7 and 8, circle the greater number.
7.	89 98 8. 33 13
9.	Write the number eighty-five
10.	Circle the rectangle:

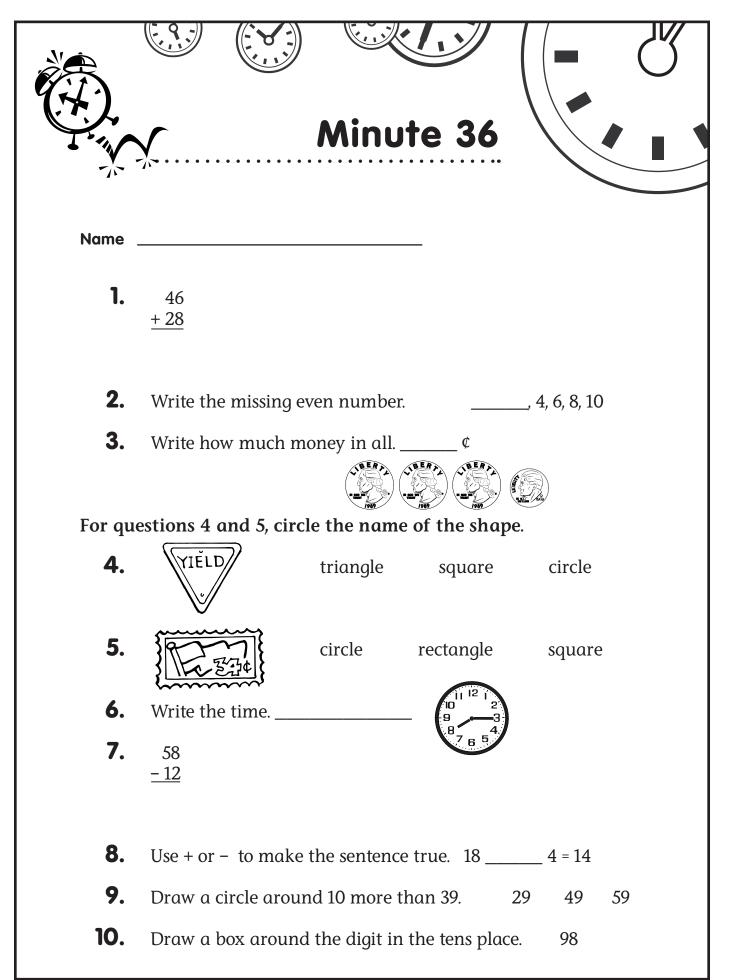




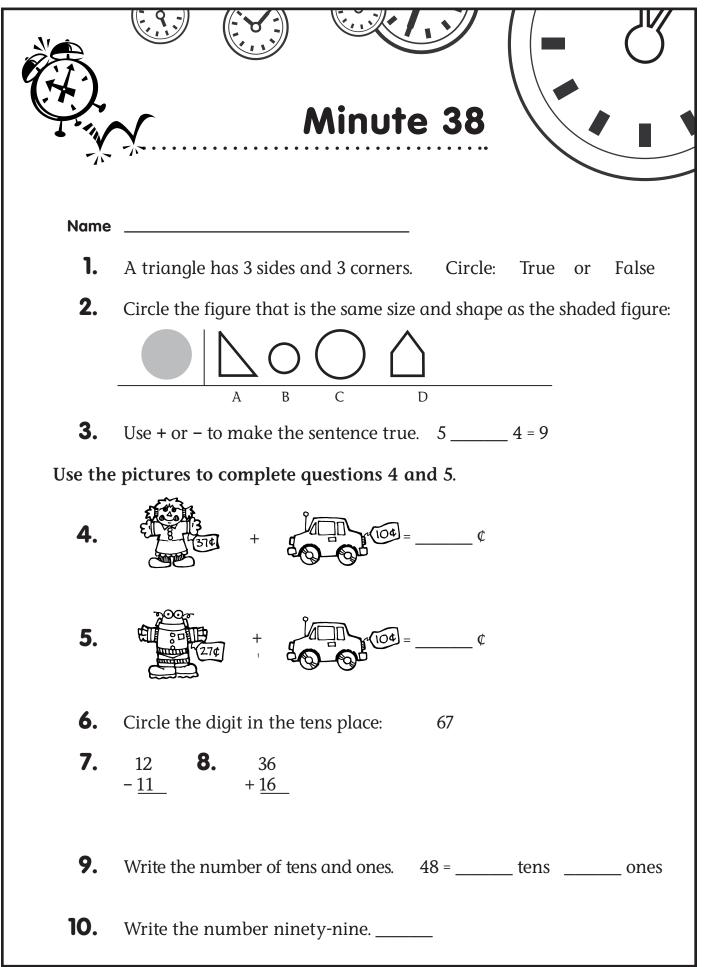


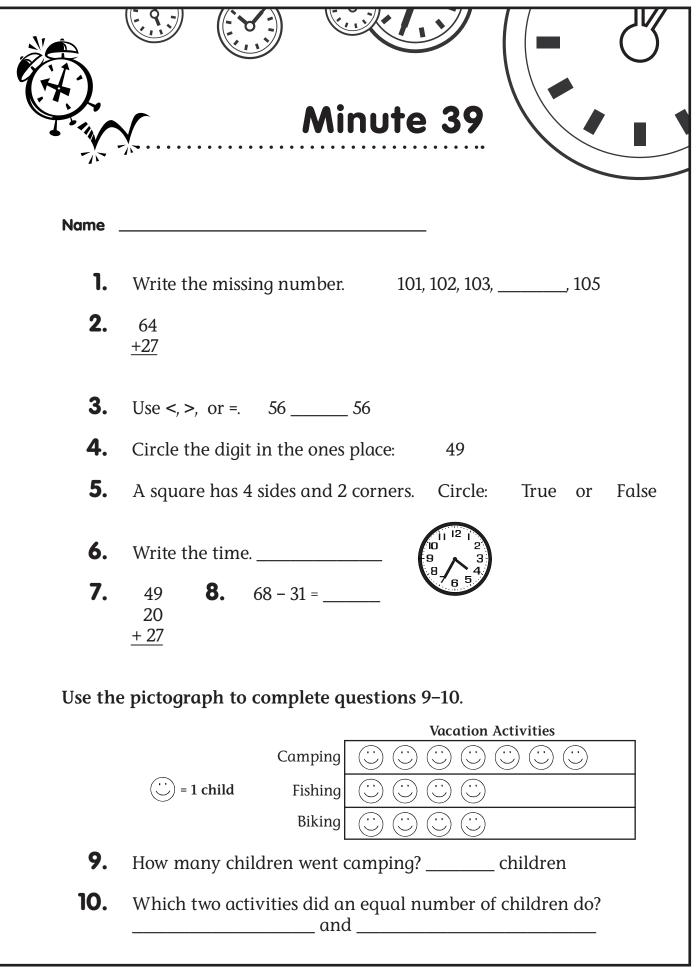
NÂ	
	✓ Minute 34
• •	
Name _	
1.	6 + 3 + 5 =
2.	Write the number fifteen.
3.	A square has 3 sides. Circle: True or False
Use the	e pictograph to complete questions 4 and 5.
	Children with or without Brothers and Sisters
	brothers $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$ sisters $\bigcirc \bigcirc \bigcirc$
	no brothers/sisters
4.	Do more children have brothers or sisters?
5.	How many children have no brothers or sisters? children
6.	18 + 2 =
7.	Circle the correct time:
	9:45 9:50 9:55 ¹⁰ 2 ² ⁹ 3 ⁸ 7 5 ⁵
8.	In the number 56, which digit is in the ones place?
9.	15 10. 74 $+ 14$
•	

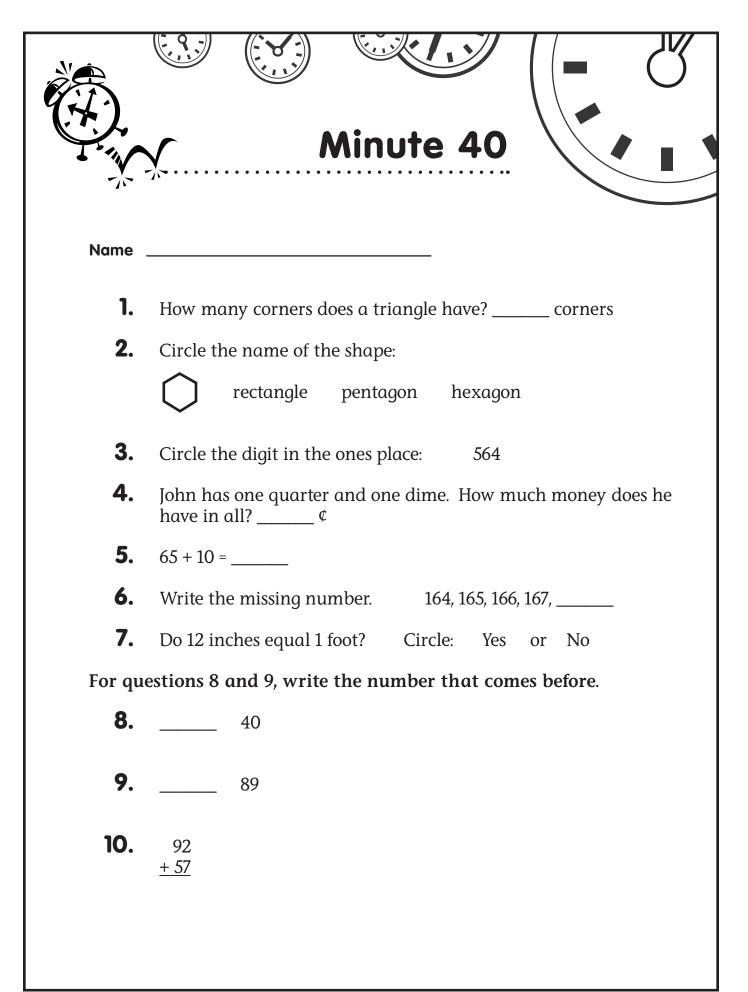


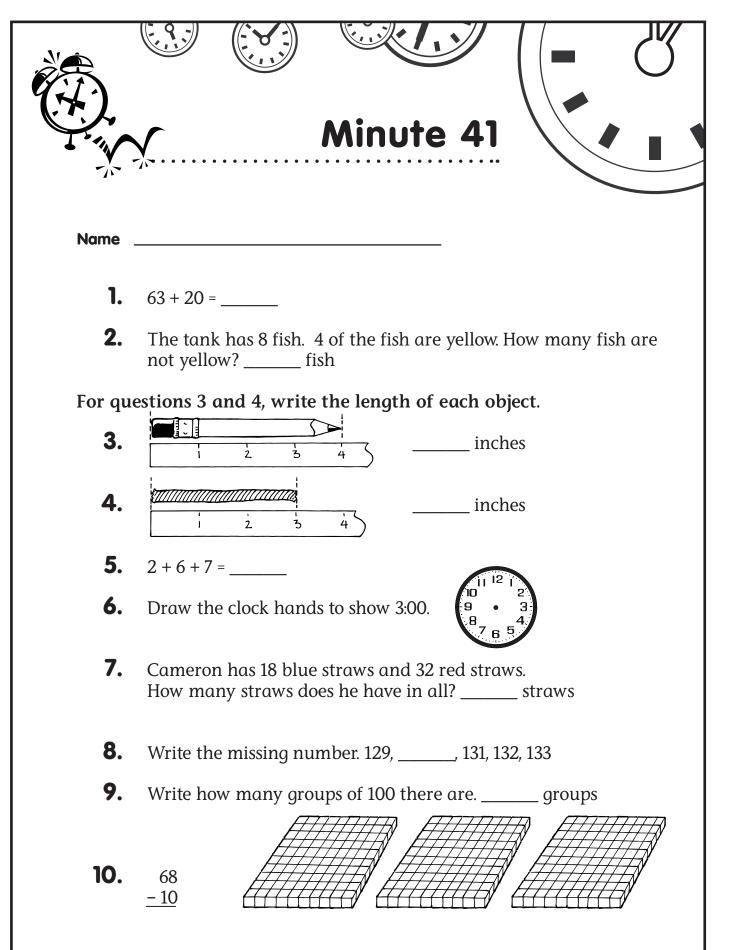


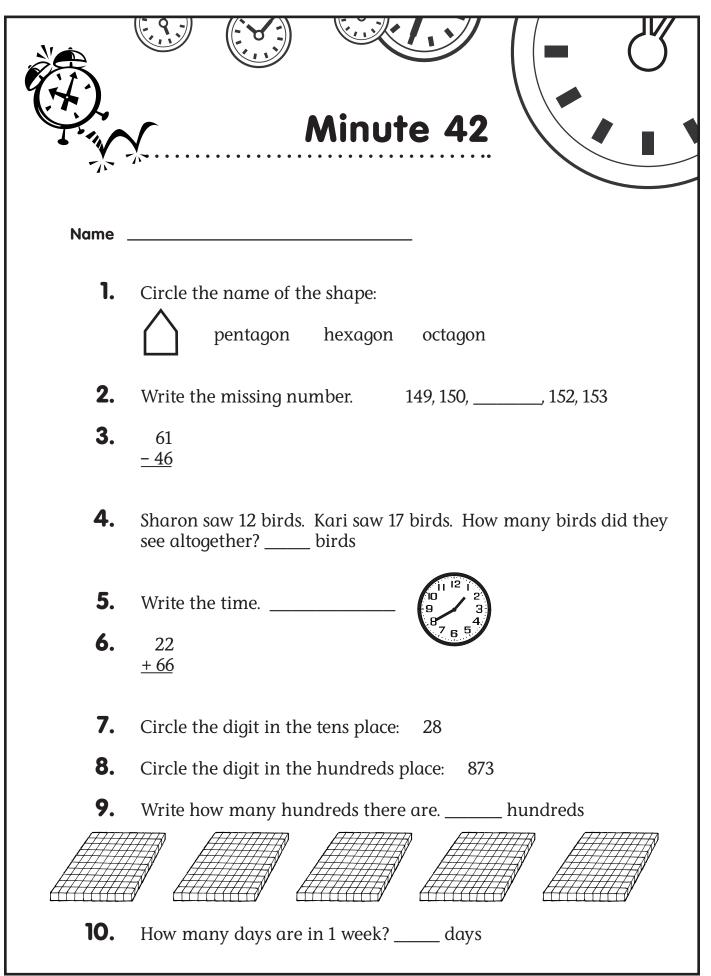
	Minute 37
Name _	
Use the Sunday	e days of the week to complete questions 1–3. Monday Tuesday Wednesday Thursday Friday Saturday
1.	What day comes next after Wednesday?
2.	What is the seventh day of the week?
3.	What is the third day of the week?
4.	85 + 10 =
5.	34 – 10 =
6.	Circle the digit in the ones place: 35
7.	Write the missing odd number. 51,, 55, 57, 59
Use the	e pictograph to complete questions 8–10. Popcorn Sales
	1st Grade
	= 5 boxes 2nd Grade
8.	3rd Grade Image: Construction of the second sec
9.	How many boxes did Grade 2 sell? boxes
10.	Which grade sold 20 boxes of popcorn? Circle: 1st 2nd 3rd

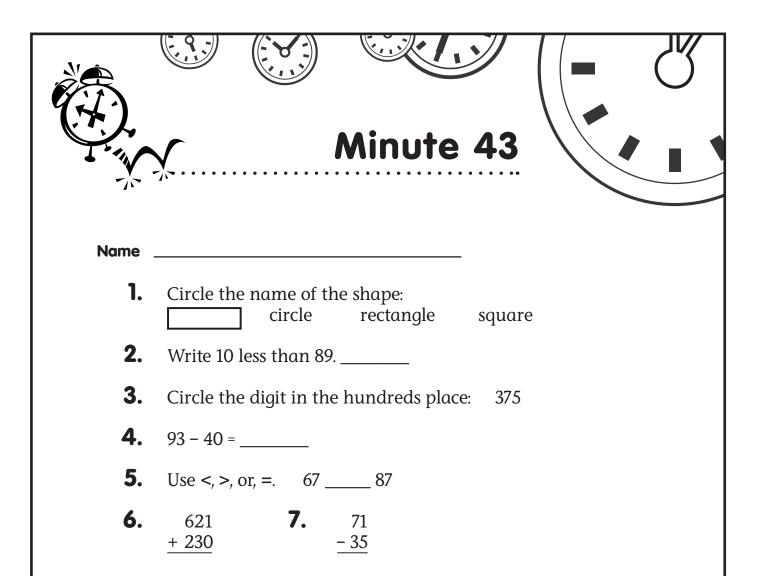




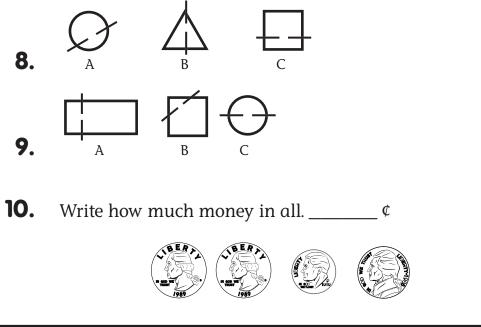


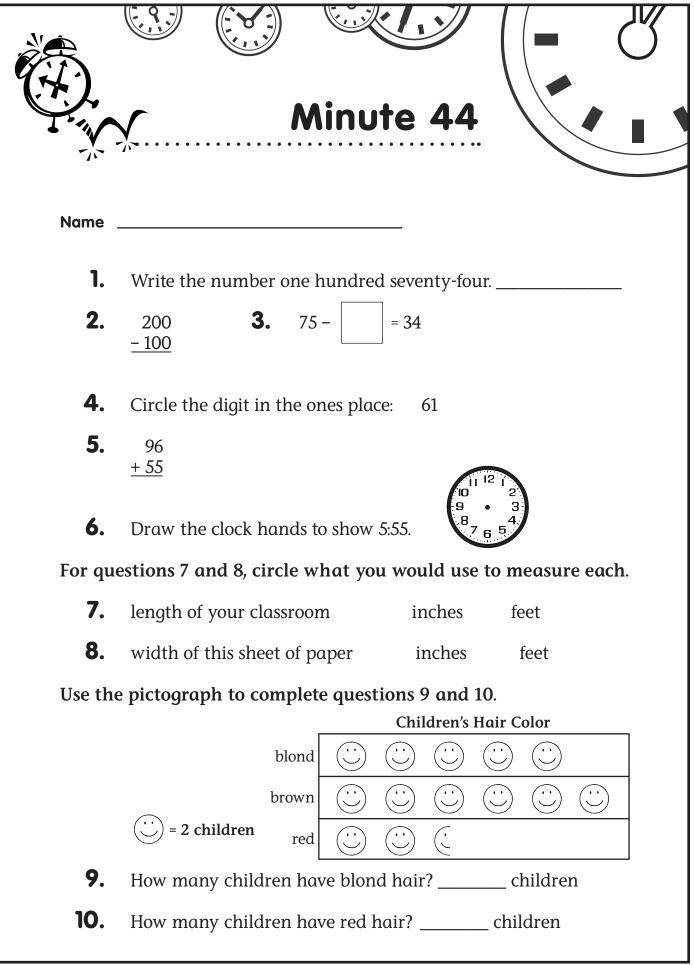


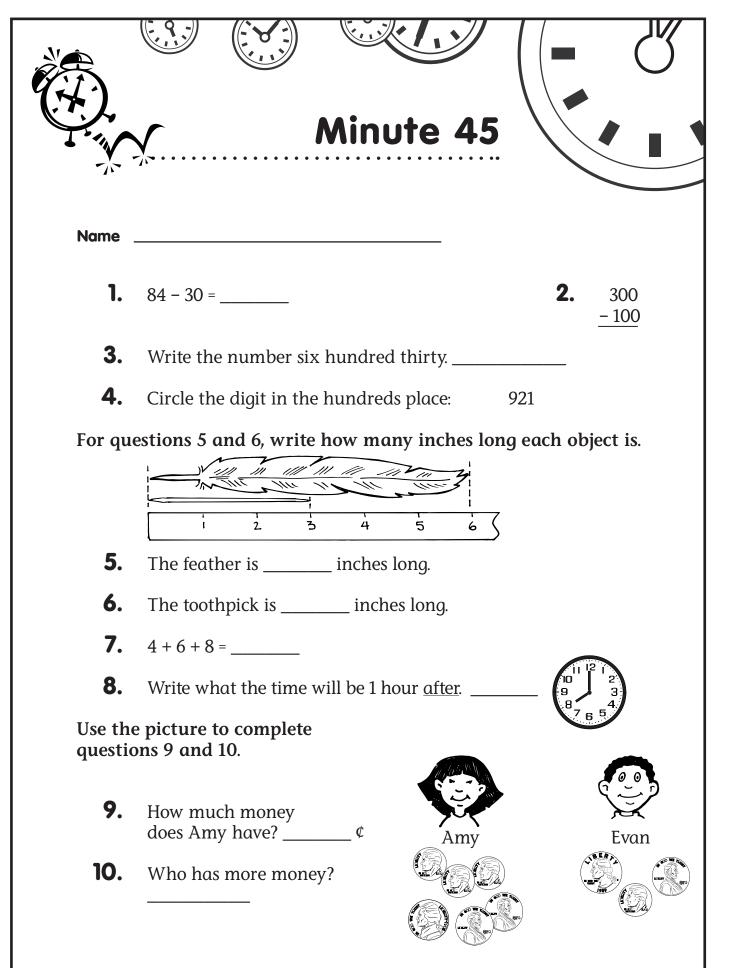


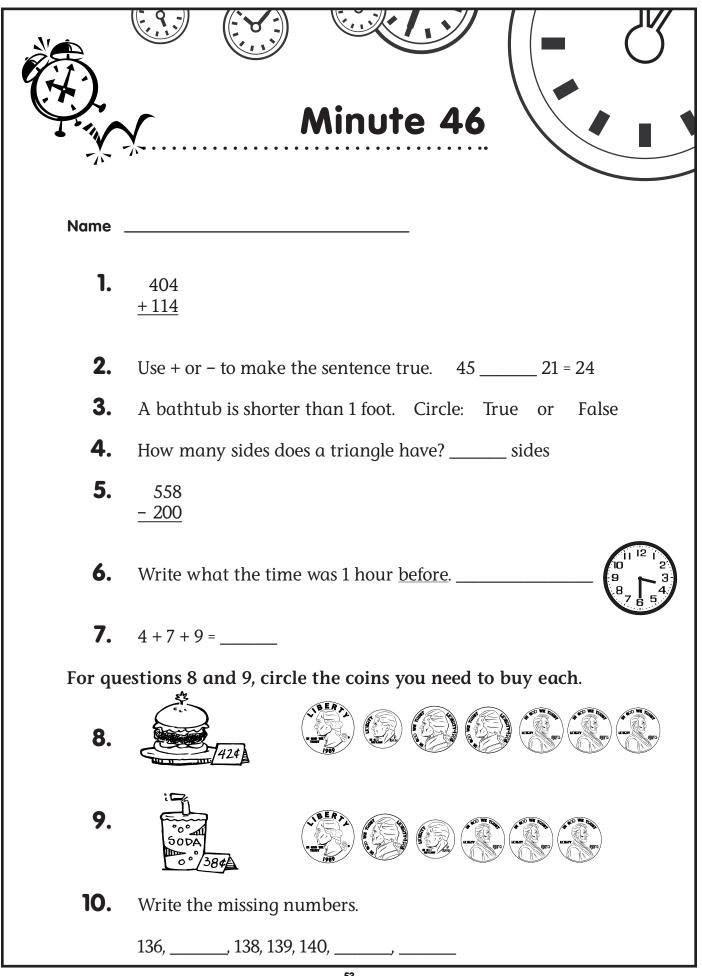


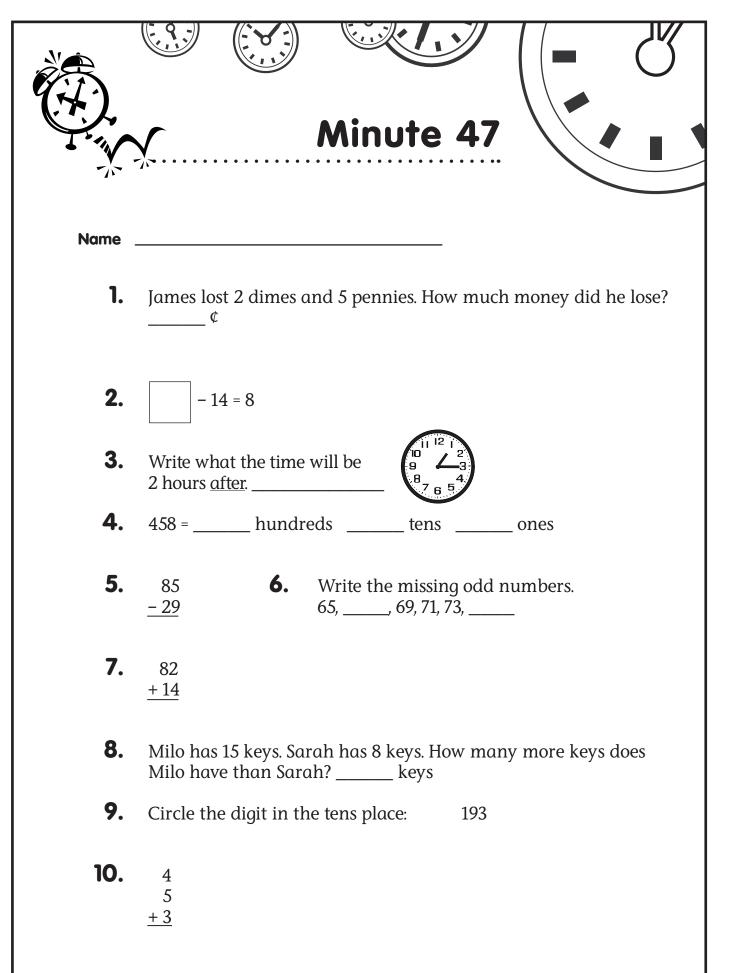
In questions 8 and 9, which shapes have matching parts when they are folded on the line? Circle the answer.

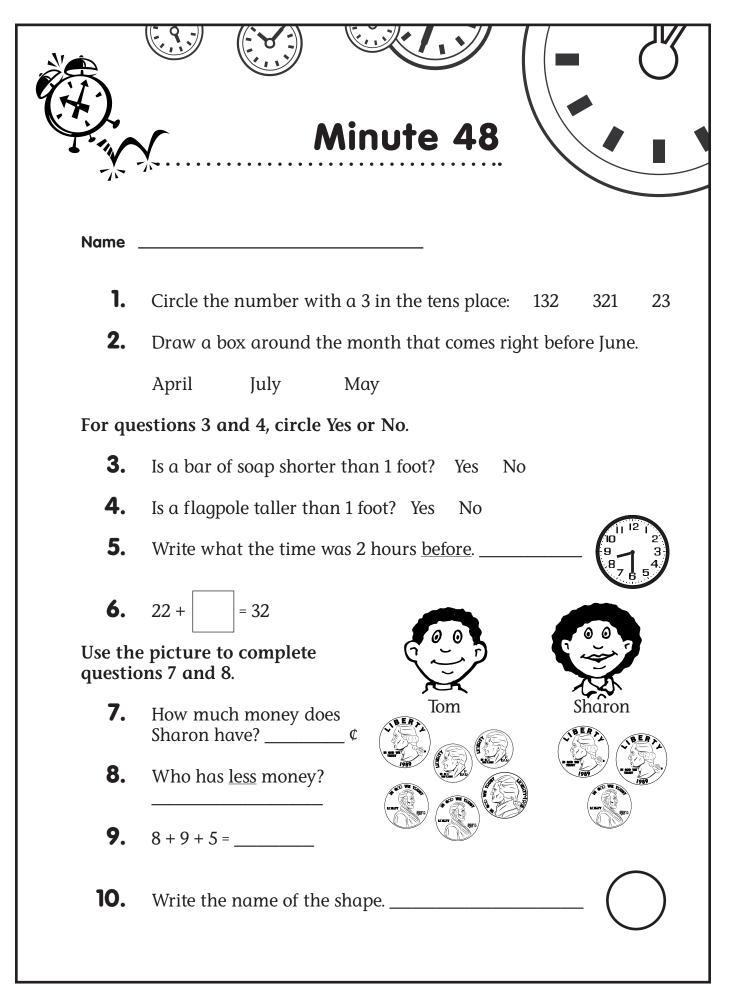




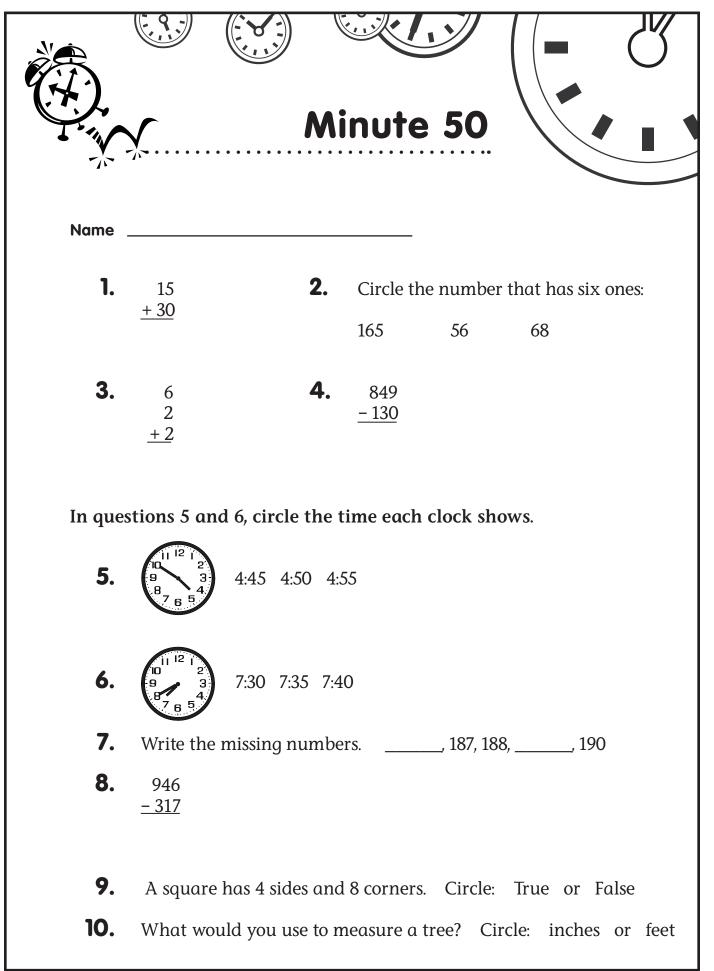


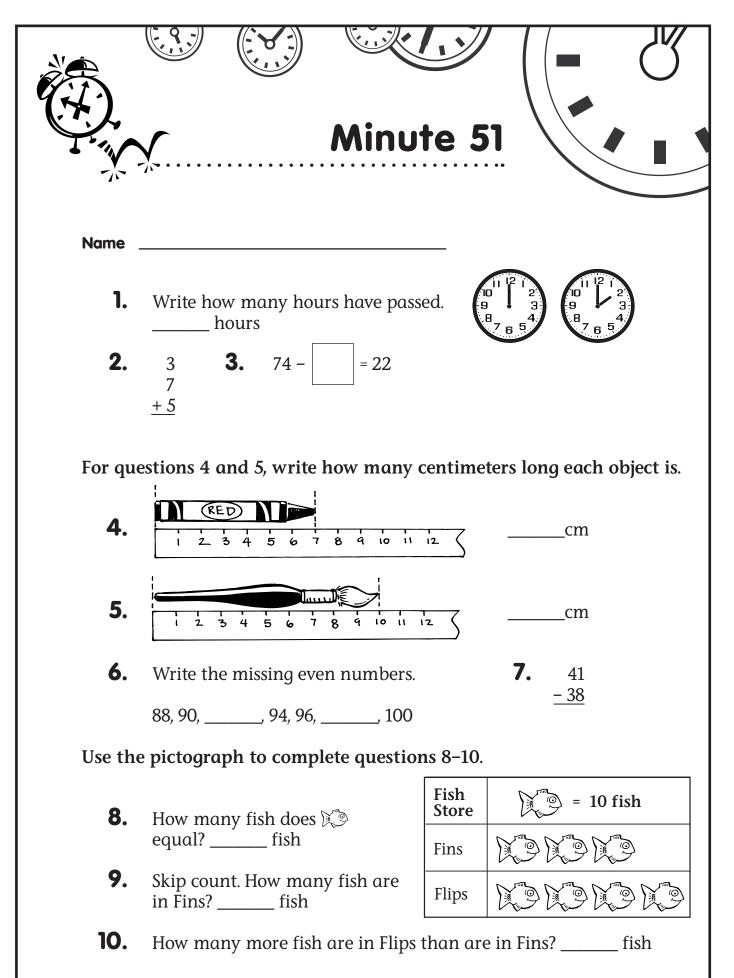


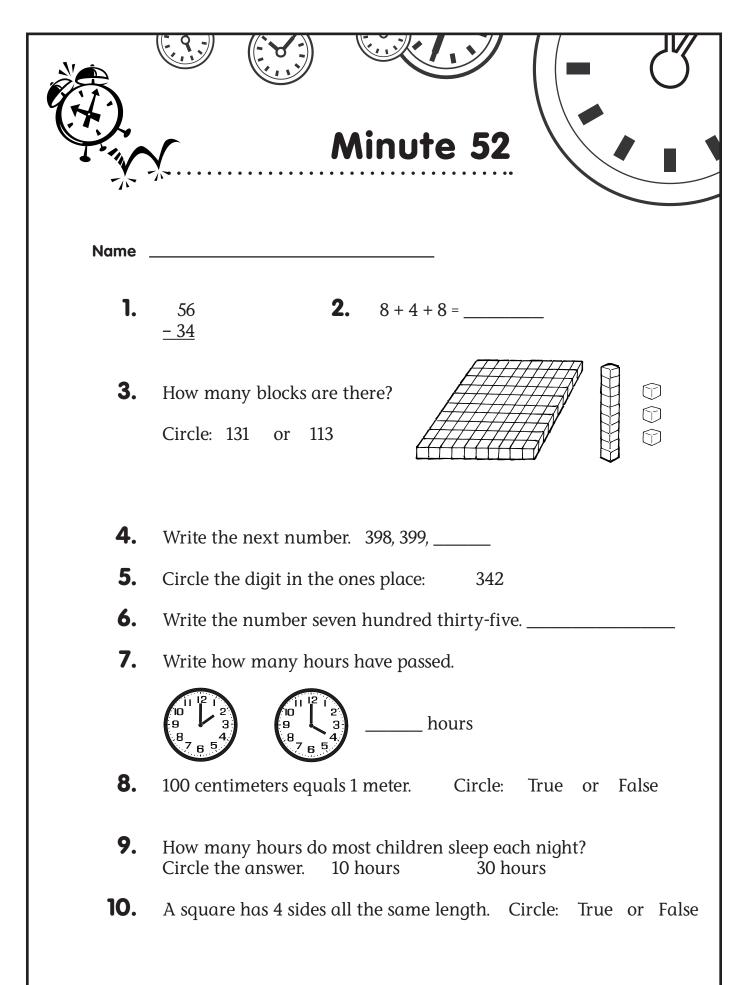


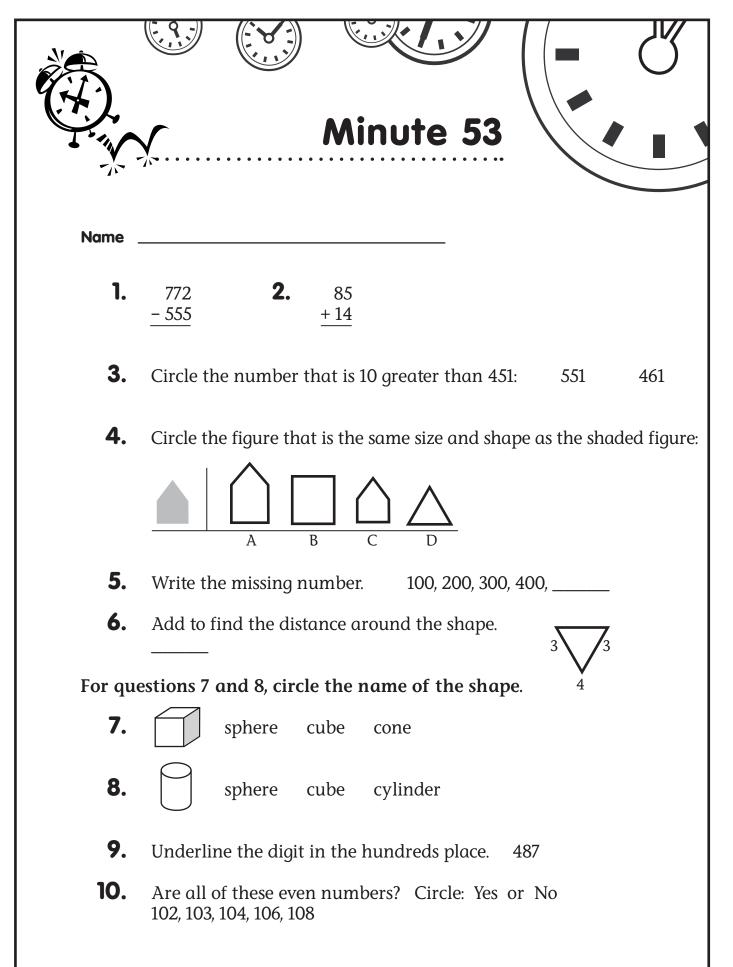


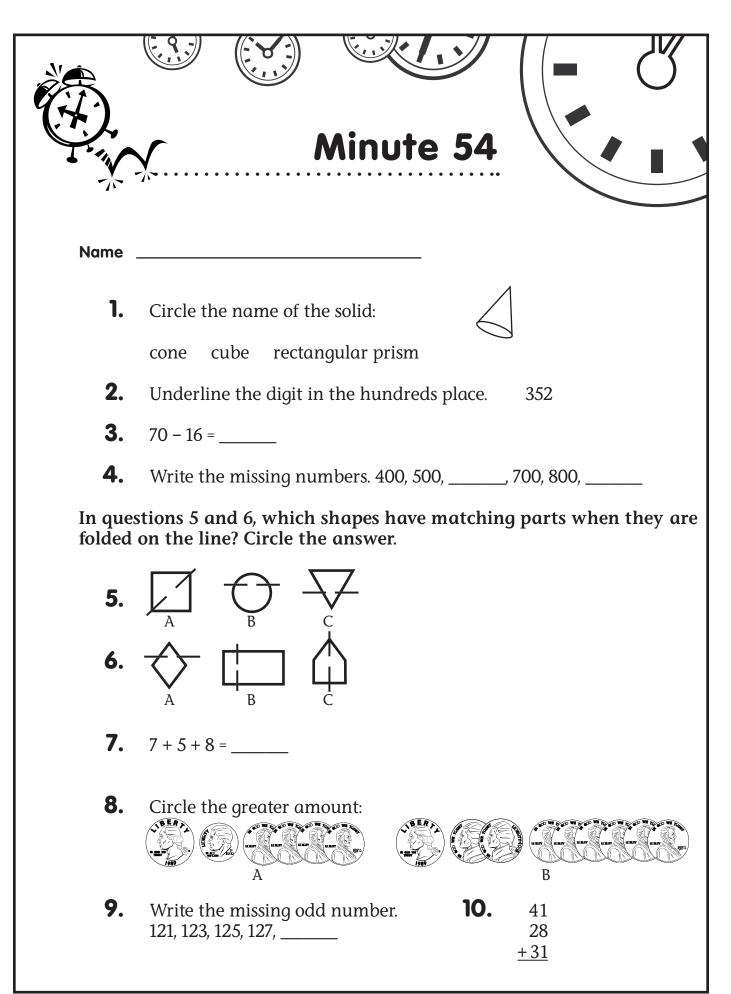
4)	
	Minute 49
Name _	
1.	Circle the number that has an 8 in the ones place:
	879 978 897
2.	Write the missing numbers. 3. 92
	<u> </u>
4.	6 + 3 + 8 =
Use the	e menu to complete questions 5 and 6.
	Lunch Menu
	juice 15¢ sandwich 35¢
	milk 12¢ pizza 42¢
5.	Which costs more—pizza or a sandwich?
6.	Mike bought juice and pizza. How much did he spend? ¢
7.	44 + 30 =
Use the	e letters to complete questions 8–10.
	A B C D E F G H I J
8.	The fourth letter is 9. The ninth letter is
10.	The seventh letter is

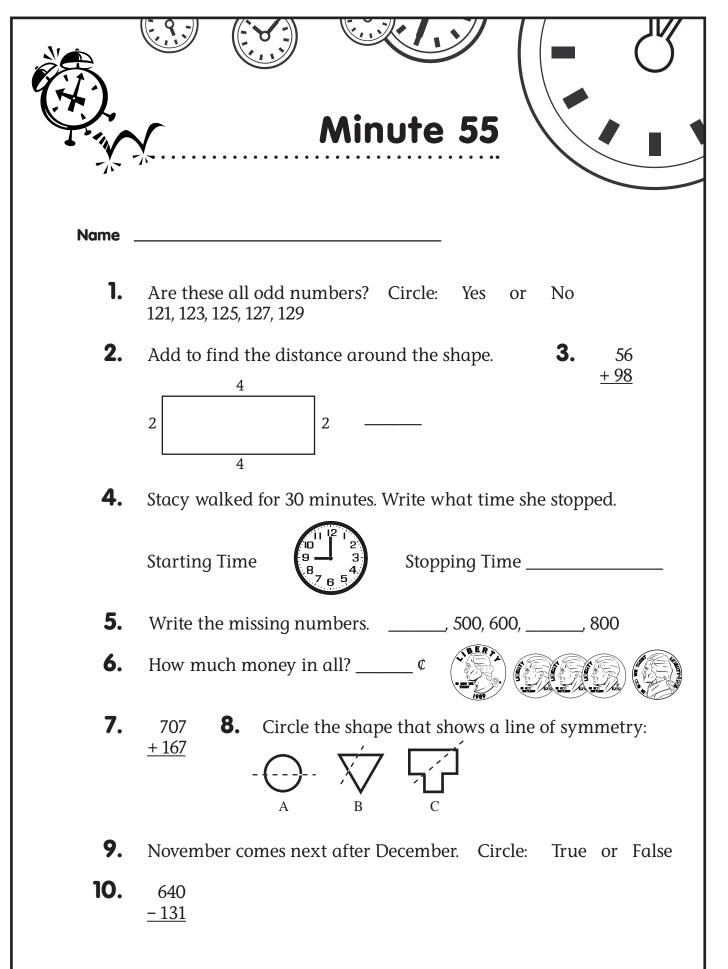




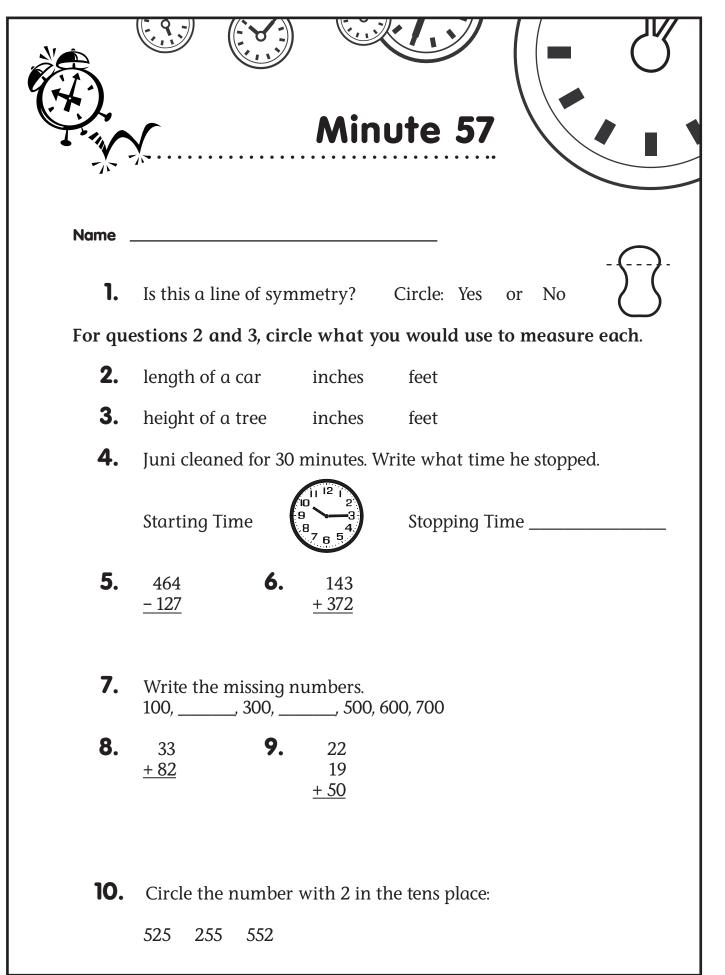


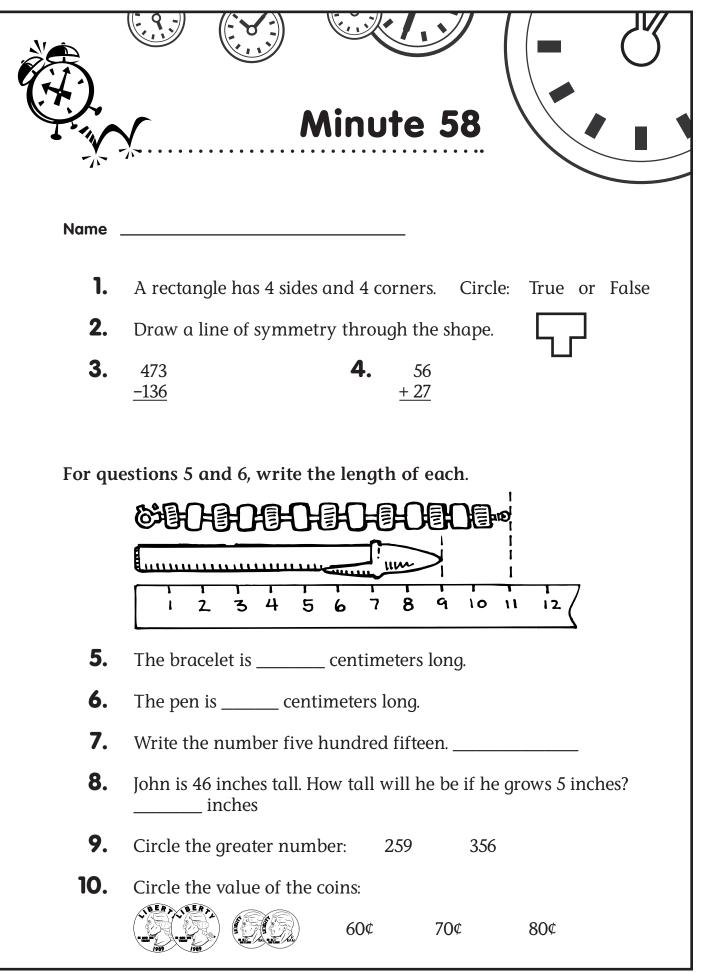




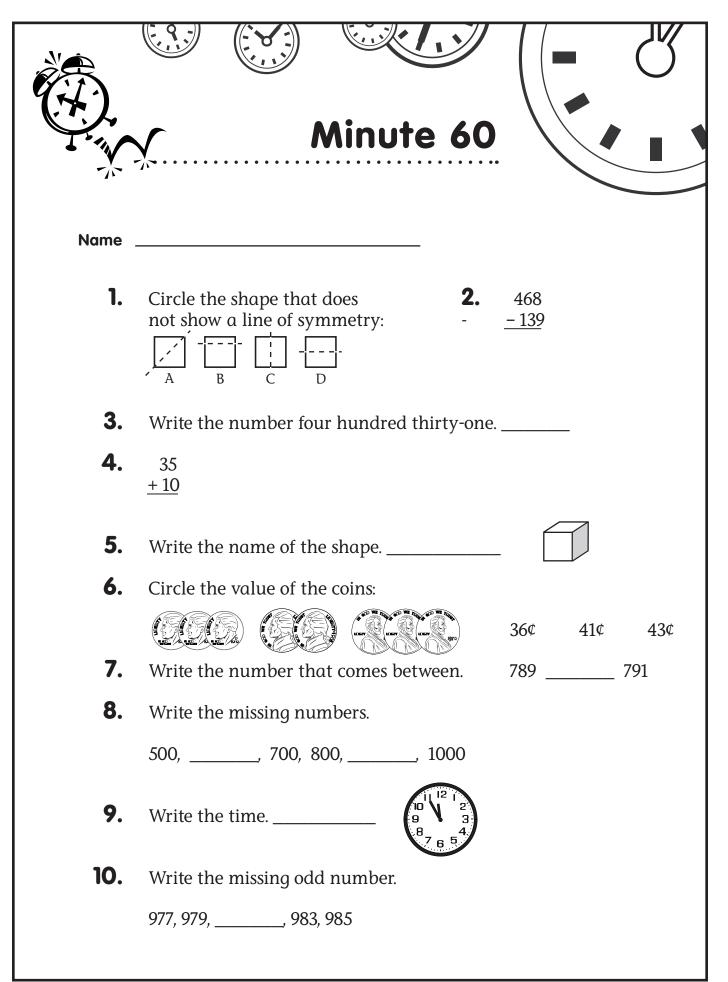


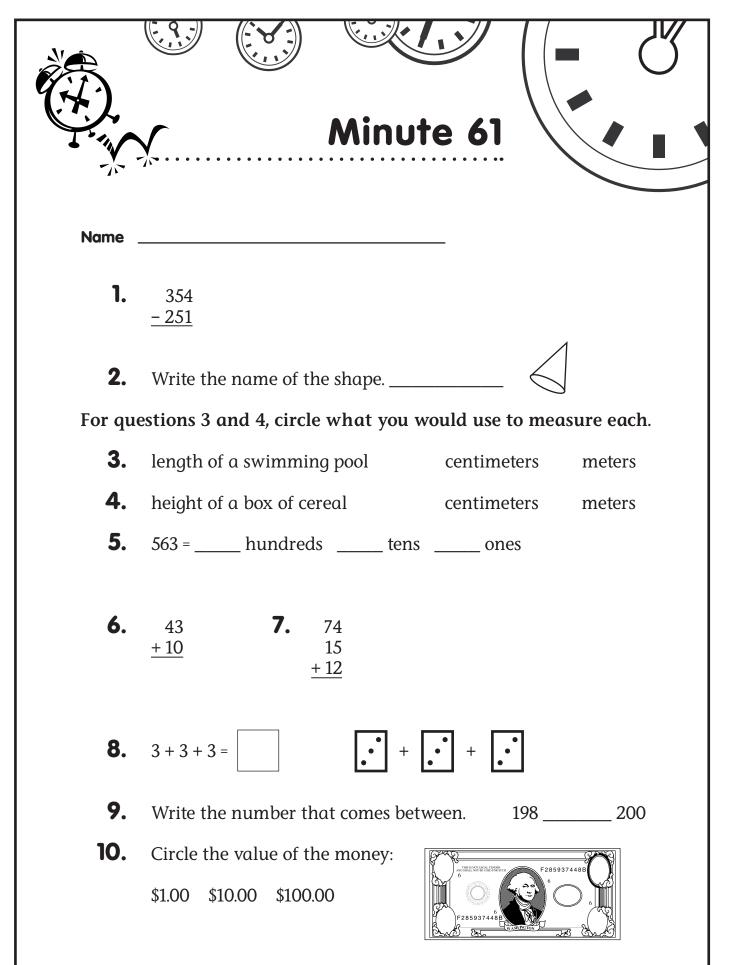
	Minute 56
Name	
1.	165 <u>+ 494</u>
2.	Is this a line of symmetry? Circle: Yes or No
3.	Write the number nine hundred sixty-six
4.	The month that comes right before October is November. Circle: True or False
5.	Write the missing even numbers. 124, 126, 128,, 132,
6.	Circle the number that has 8 in the tens place:
	893 938 983
7.	The distance around a shape is called the perimeter. Circle: True or False
8.	58 <u>+ 27</u>
For que	estions 9 and 10, circle the name of the solid.
9.	cylinder cone rectangular prism
10.	cube cone rectangular prism

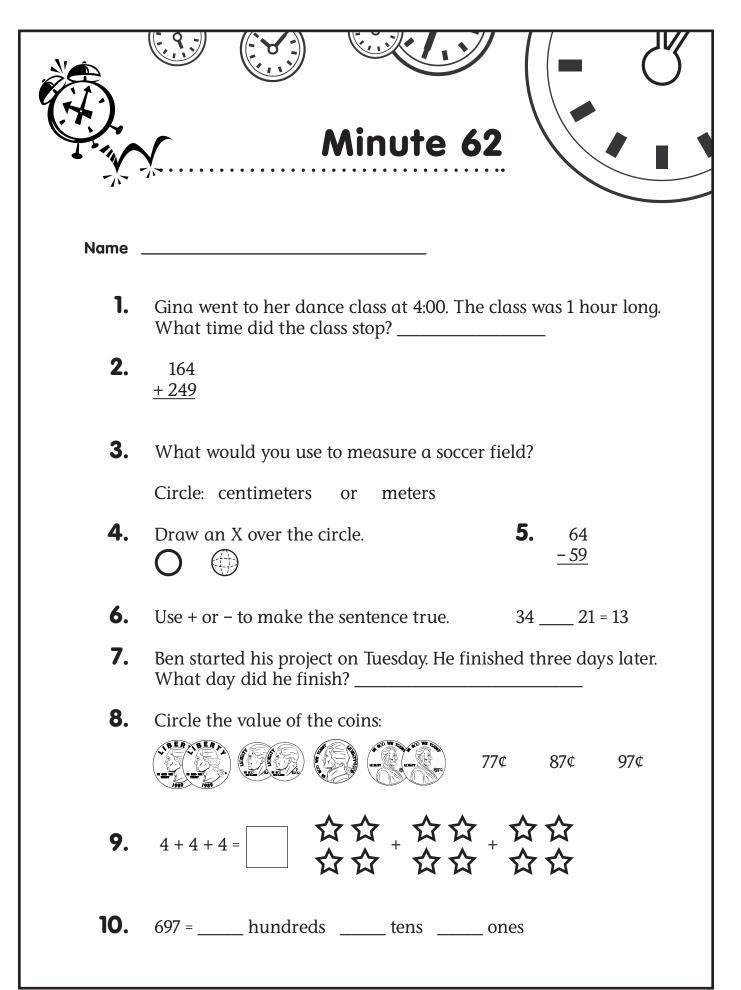


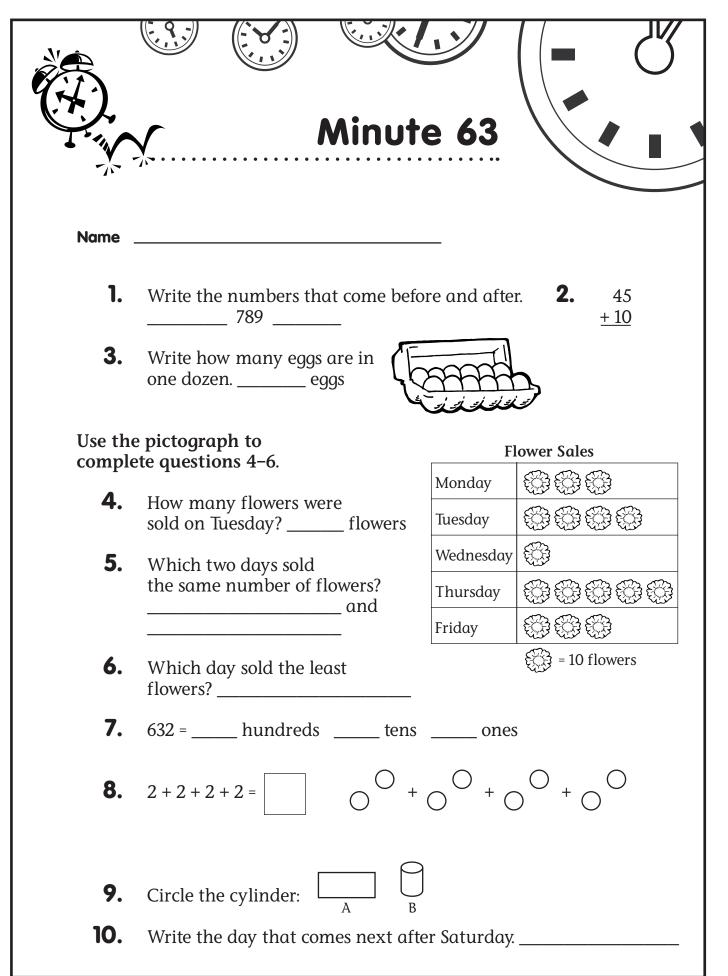


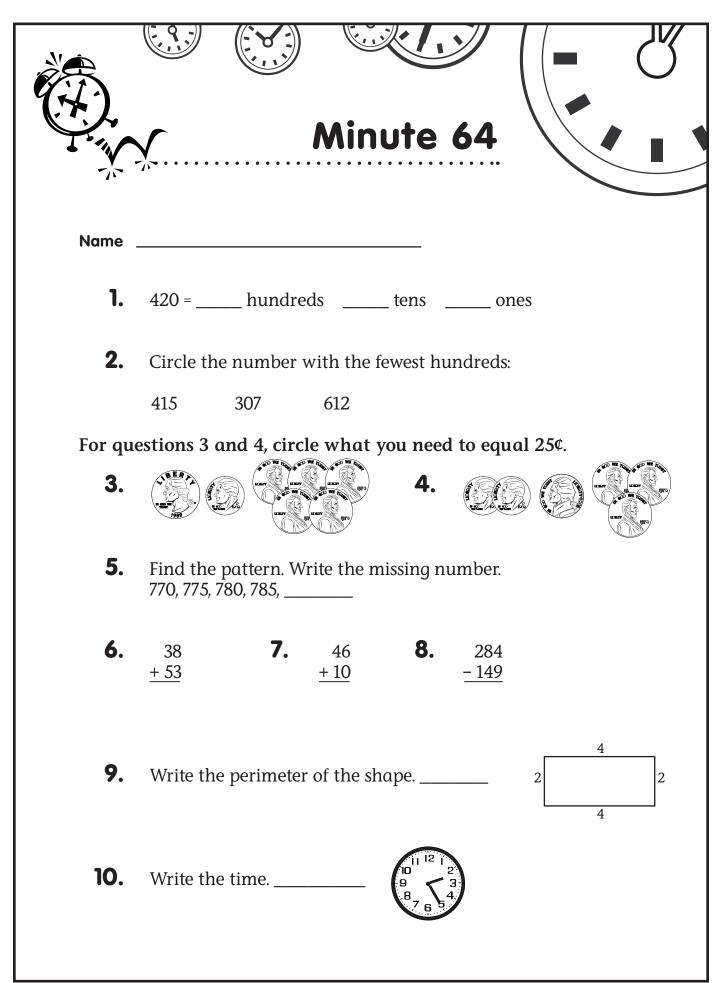
(+)	
T-IN .	Minute 59
Name	
1.	$\begin{array}{cccc} 619 & 2. & 16 \\ \underline{-401} & \underline{+10} \end{array}$
3.	Write the number of hundreds, tens, and ones.
	248 = hundreds tens ones
4.	Write the number that comes between. 780 782
5.	Use < or >. 675 657
6.	Kayla has 8 pennies. Ian has 24 pennies. How many pennies do they have altogether? pennies
7.	Write the number seven hundred twelve.
For que	estions 8 and 9, circle what you would use to measure each.
8.	length of a paper clip centimeters meters
9.	height of a ladder centimeters meters
10.	Write what the time will be 3 hours later.

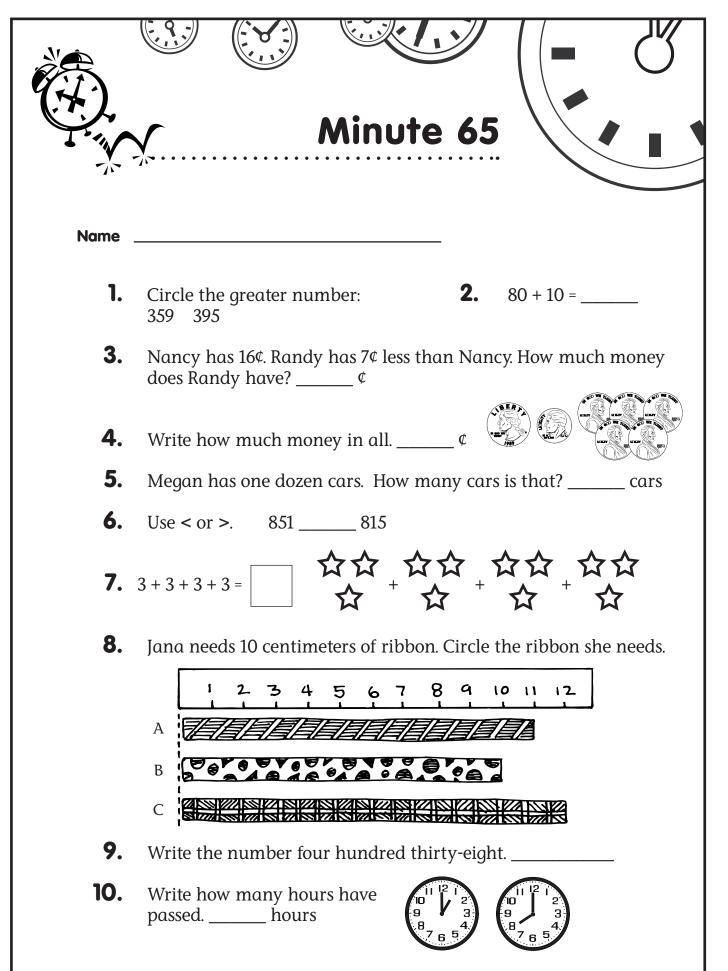




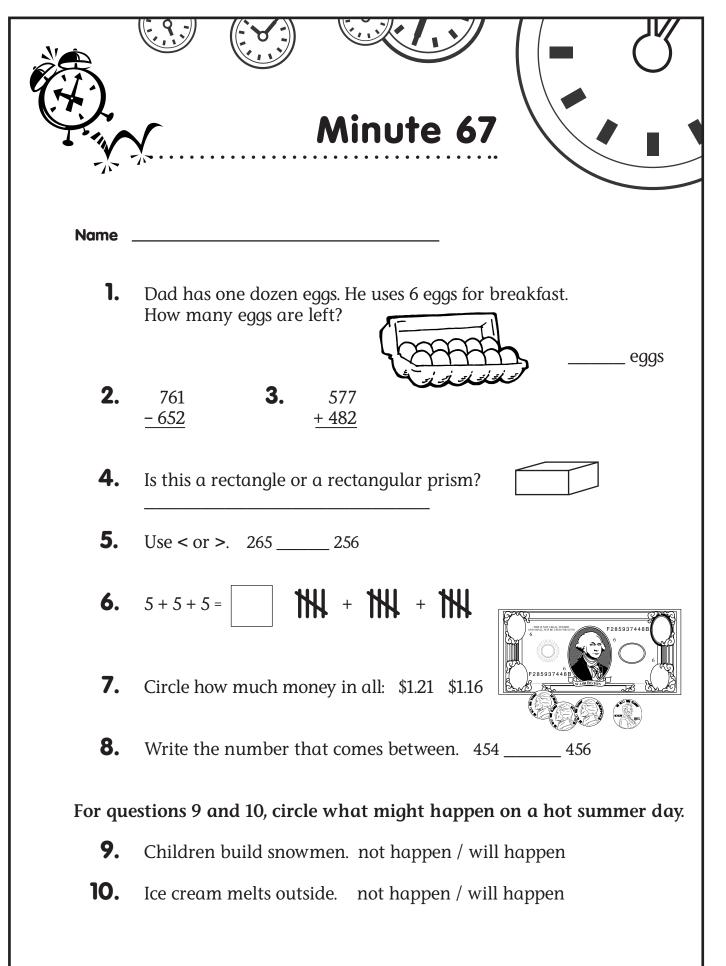






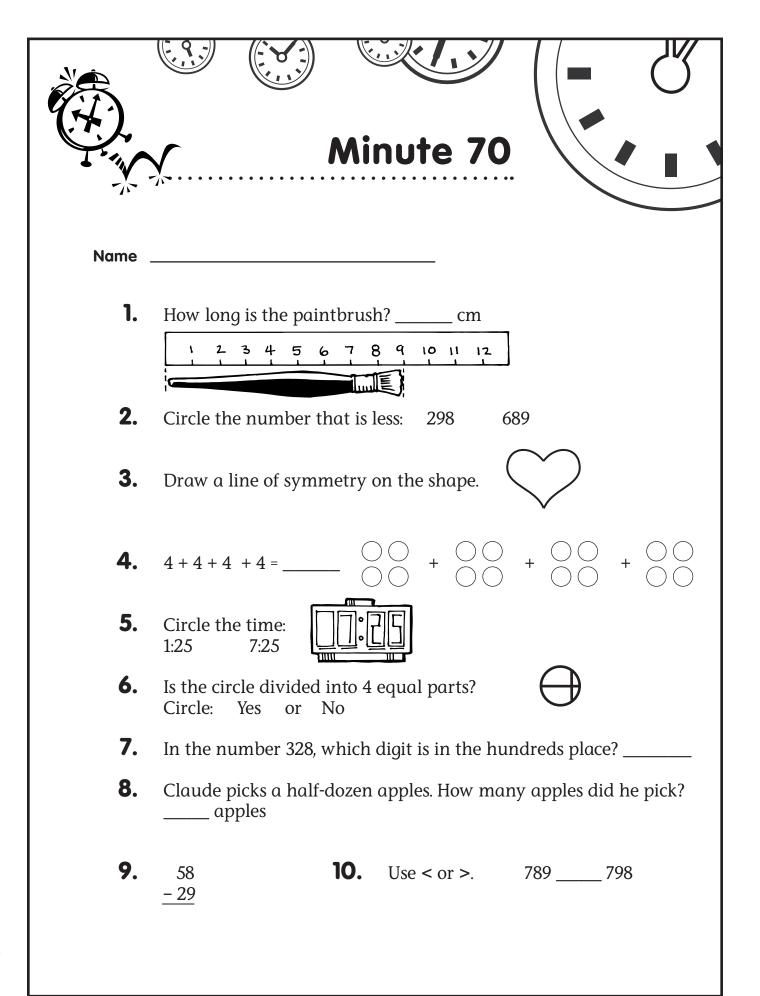


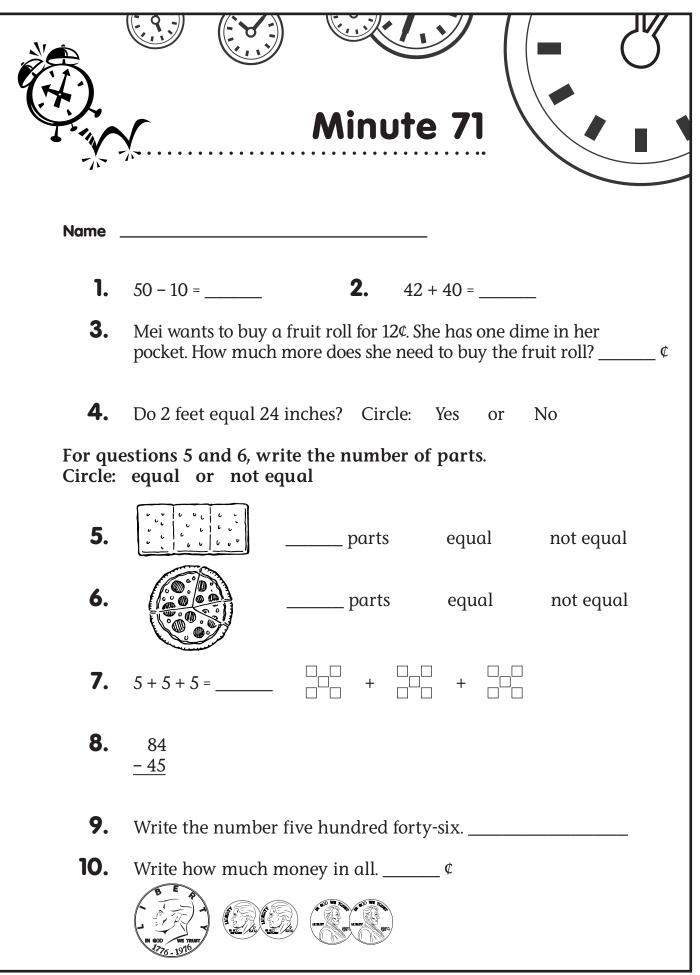
(\mathbf{H})	
T- IN	Minute 66
-	
Name	
1.	In the number 298, which digit is in the ones place?
2.	688 <u>+ 427</u>
3.	Write the perimeter ¹ 2
4.	74 <u>- 16</u>
5.	Is this a line of symmetry? Circle: Yes or No
6.	Is this a cube or a cylinder?
7.	83 + 10 =
8.	Evan has 37¢. Candice has 8¢ less than Evan. How much money does Candice have?¢
For que	estions 9 and 10, write the correct letter to spell the money words.
	a e i o u
9.	nick l
10.	doll r

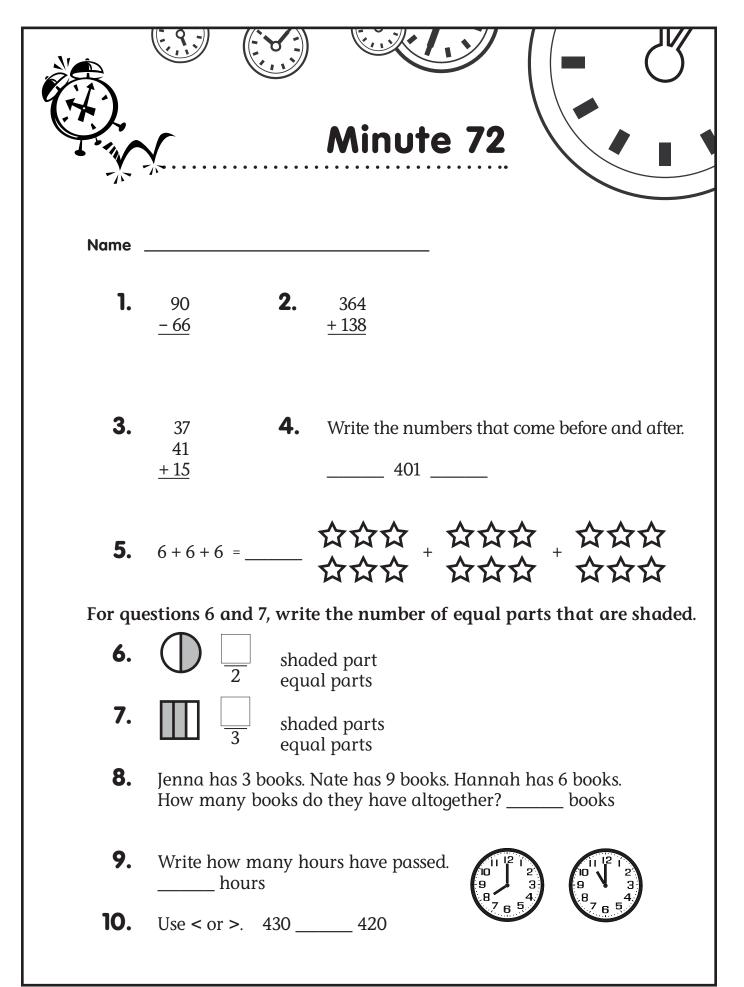


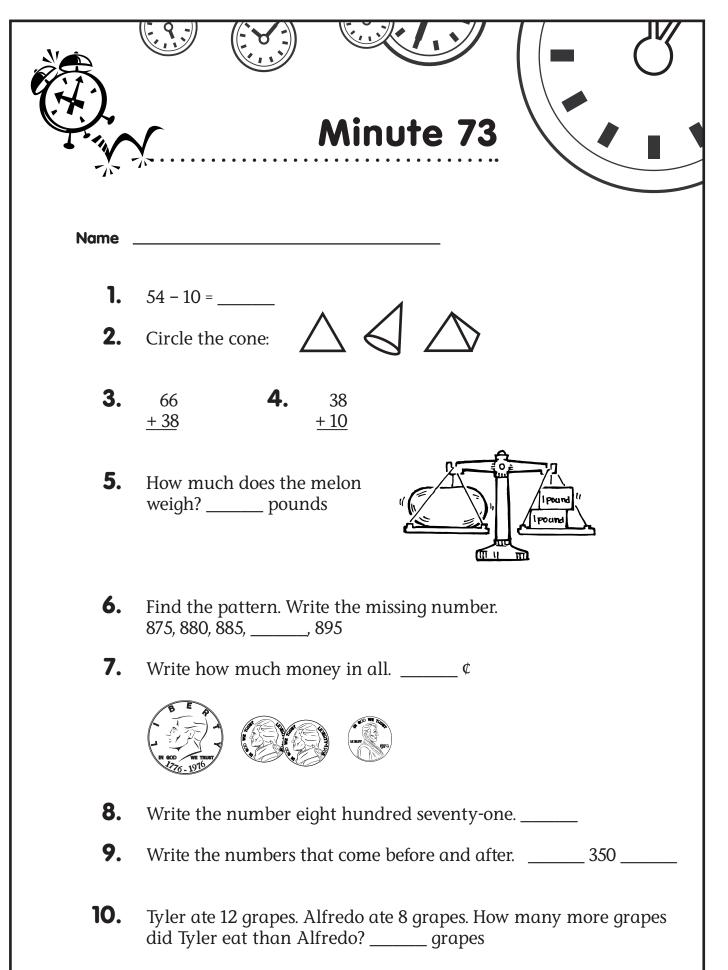
Name Image: Circle how much money in all: $$223$ $$233$ $$243$ 1. Circle how much money in all: $$223$ $$233$ $$243$ 2. $89 + 10 = _$ $$9 + 10 = _$ $$100 \times 100 \times$	- 0				
1. Circle how much money in all: $$2.23$ $$2.33$ $$2.43$ 2. $89 + 10 = _$ 3. Write how many hours have passed. $$0^{11} 12^{-2} \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $		e 68	Minut	Ķ	
\$2.23 $\$2.33$ $\$2.43$ 2. $89 + 10 = $ 3. Write how many hours have passed. hours 4. $56 + 40 = $ 5. Use < or >. $\$2.35$ $\$2.53$ 6. Is this shape a square or a cube? Use the table of tallies to complete questions 7 and 8. Tall Tales $1 \times 1 \times 1$	F2859374488				Name
3. Write how many hours have passed. hours 4. $56 + 40 = $ 5. Use < or >. $$2.35 $ 6. Is this shape a square or a cube? Use the table of tallies to complete questions 7 and 8. Tall Tales $1 + 1 + 2 + 3 + 4 + 2 + 3 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$					1.
 4. 56 + 40 = 5. Use < or >. \$2.35\$2.53 6. Is this shape a square or a cube? Use the table of tallies to complete questions 7 and 8. Children's Favorite Books Tall Tales 111 				89 + 10 =	2.
 5. Use < or >. \$2.35\$2.53 6. Is this shape a square or a cube? Use the table of tallies to complete questions 7 and 8. 		$\begin{array}{c} \text{ied.} \\ \begin{array}{c} 1 \\ 1 \\ 0 \\ 9 \\ 9 \\ 7 \\ 8 \\ 8$	ours have pas		3.
 6. Is this shape a square or a cube?	56 + 40 =				4.
Use the table of tallies to complete questions 7 and 8. Tall Tales Tall Tale			\$2.53	Use < or >. \$2.35	5.
complete questions 7 and 8. Tall Tales Tall Tales			re or a cube?	Is this shape a squ	6.
Tall Tales	e Books	uildren's Favorit			
Fantasy TH		Tales		ete questions / and	comple
		tasy	Far		
7. How many children like fantasy books? children	children	books?	ı like fantasy	How many childre	7.
8. What is the most favorite kind of books?		books?	worite kind of	What is the most	8.
9. Is this a line of symmetry? Circle: Yes or No	\checkmark	e: Yes or No	metry? Circl	Is this a line of syn	9.
10. In the number 563, which digit is in the tens place?	?	in the tens place	which digit is	In the number 56	10.

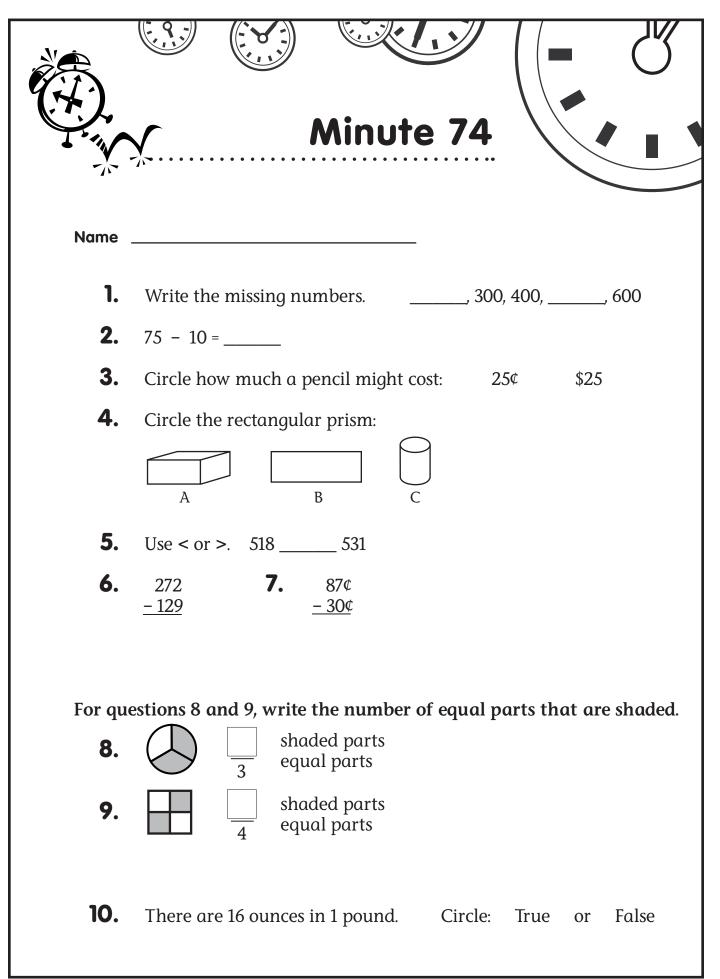
	Minute 69
Name _	
1.	Find the pattern. Write the missing number. 102,, 108, 111, 114
2.	Circle the greater number: 753 573
3.	36 + 50 =
4.	Is the circle divided into 4 equal parts? Circle: Yes or No
5.	632 <u>- 315</u>
6.	A triangle has 3 sides and 4 corners. Circle: Yes or No
For que	estions 7 and 8, circle what might happen on a cold winter day.
7.	Children will wear swimming suits outside.
	not happen / will happen
8.	Children will wear warm clothes outside.
	not happen / will happen
9.	A school bus is longer than 1 meter. Circle: True or False
10.	2 + 2 + 2 =

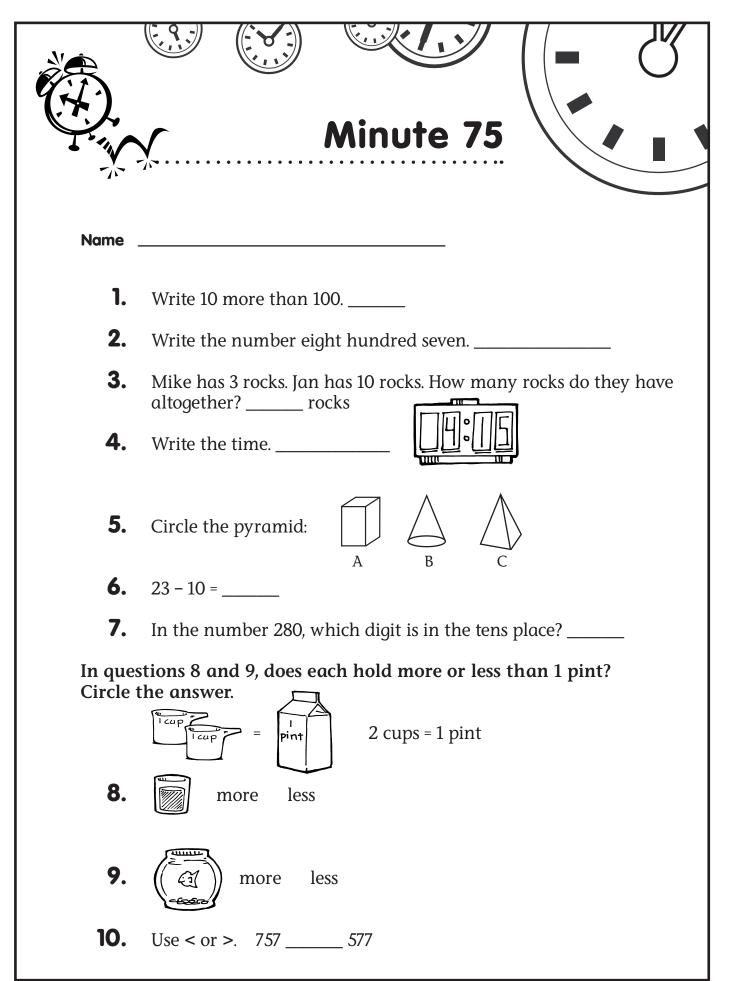


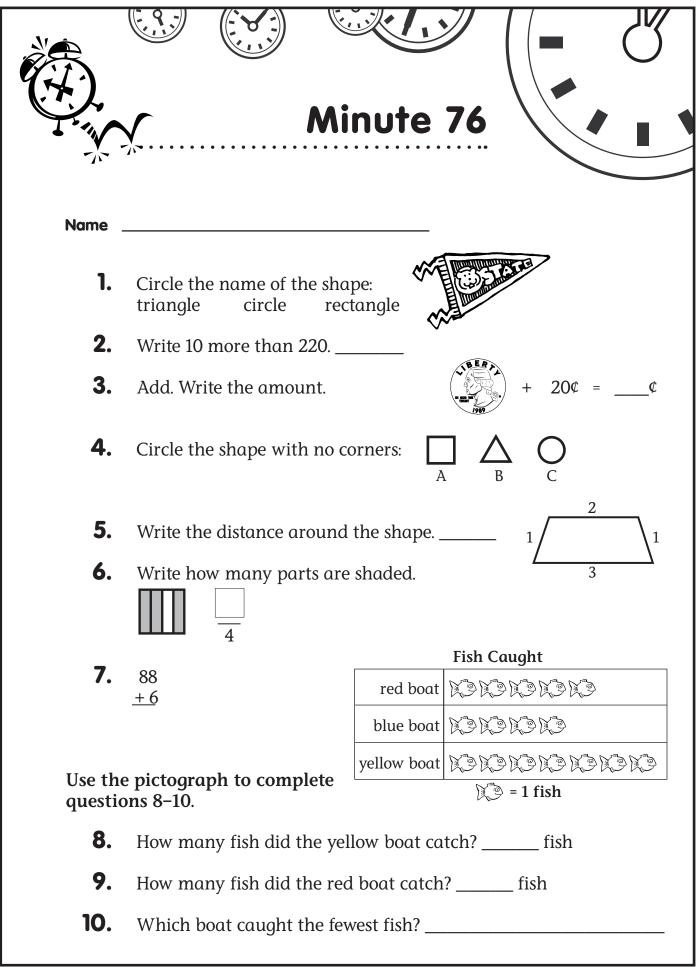


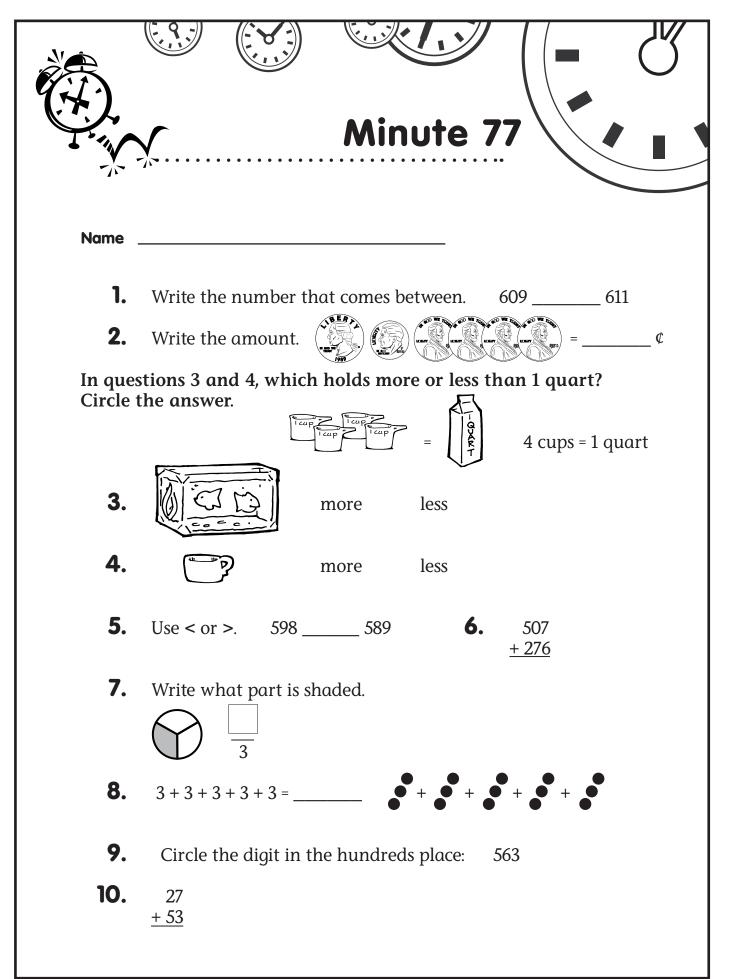


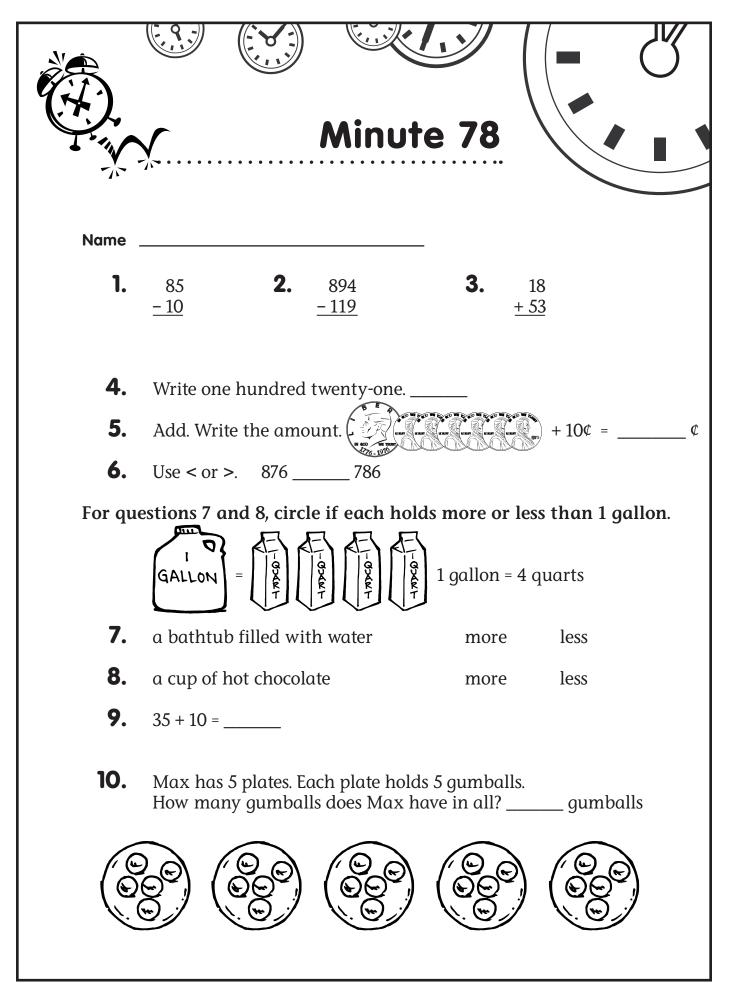


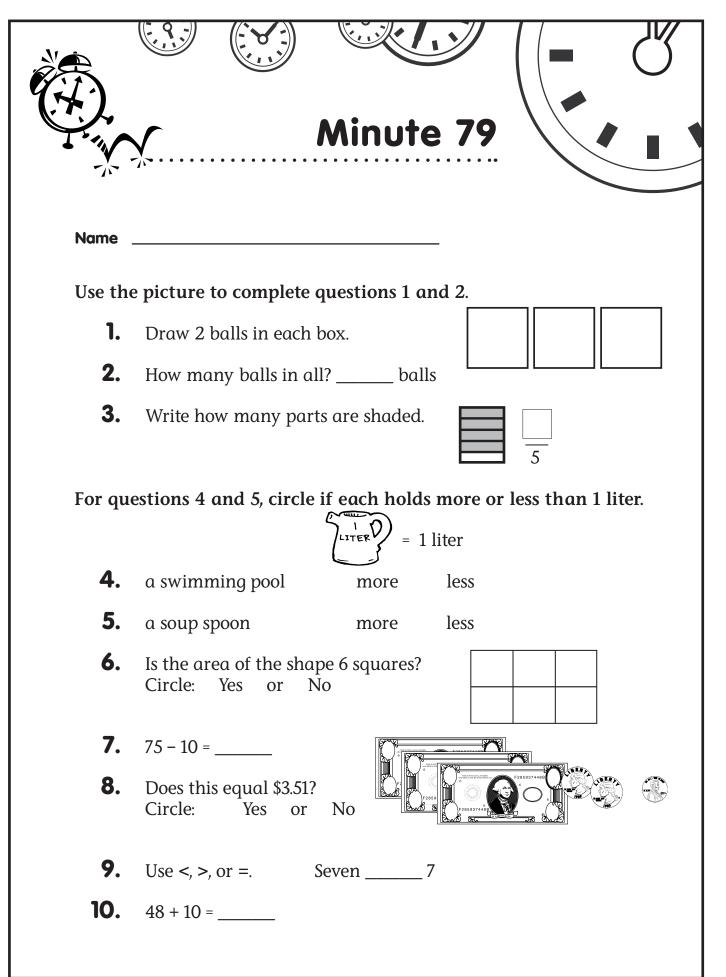


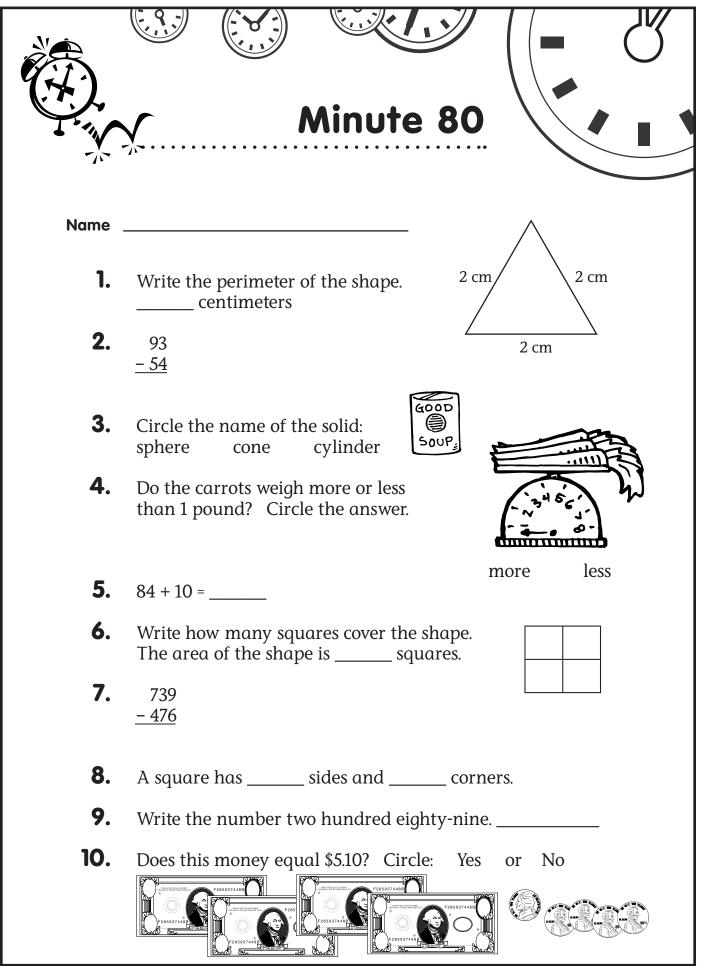


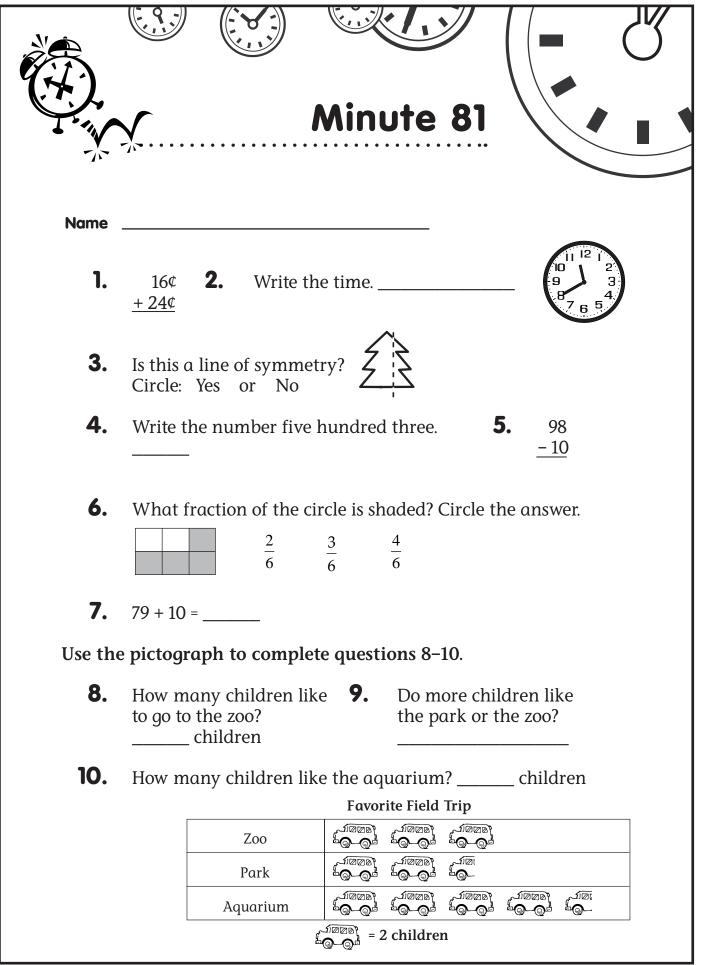


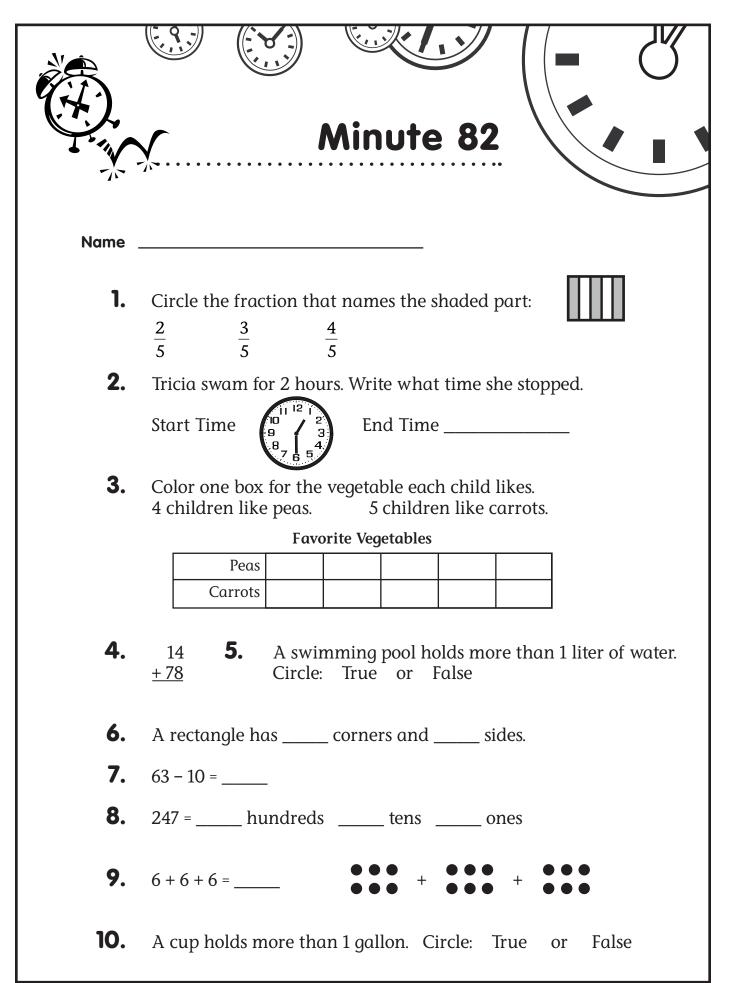


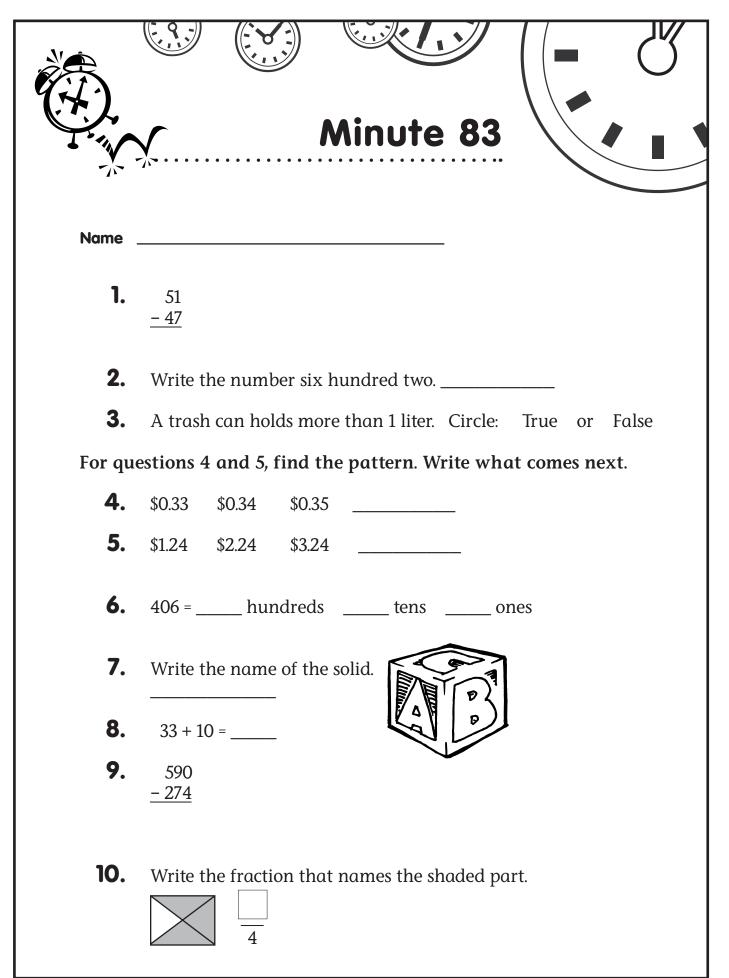






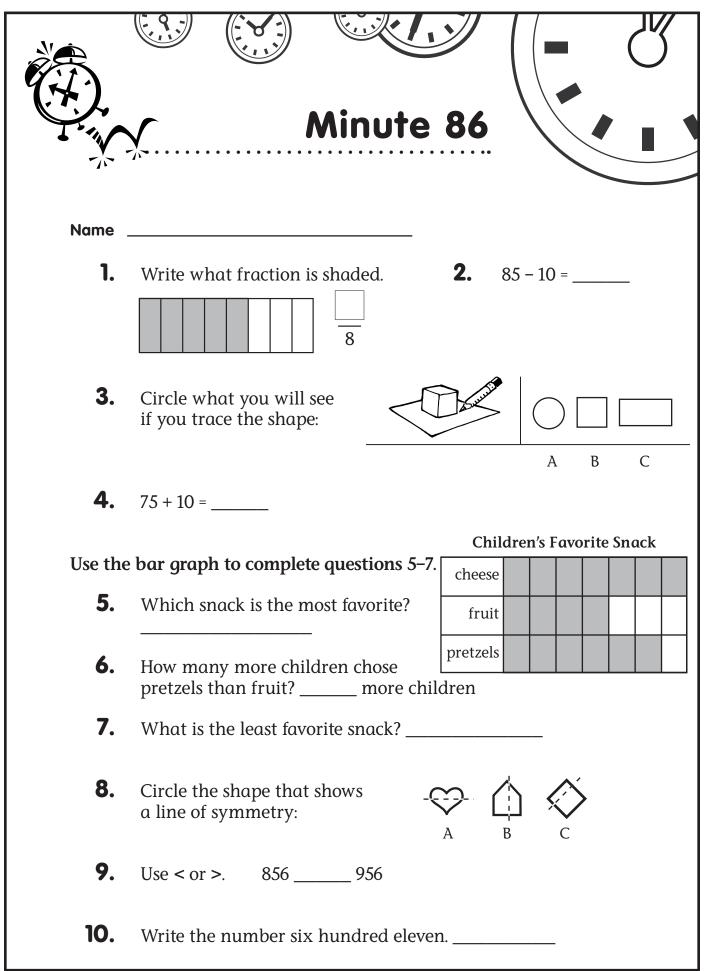






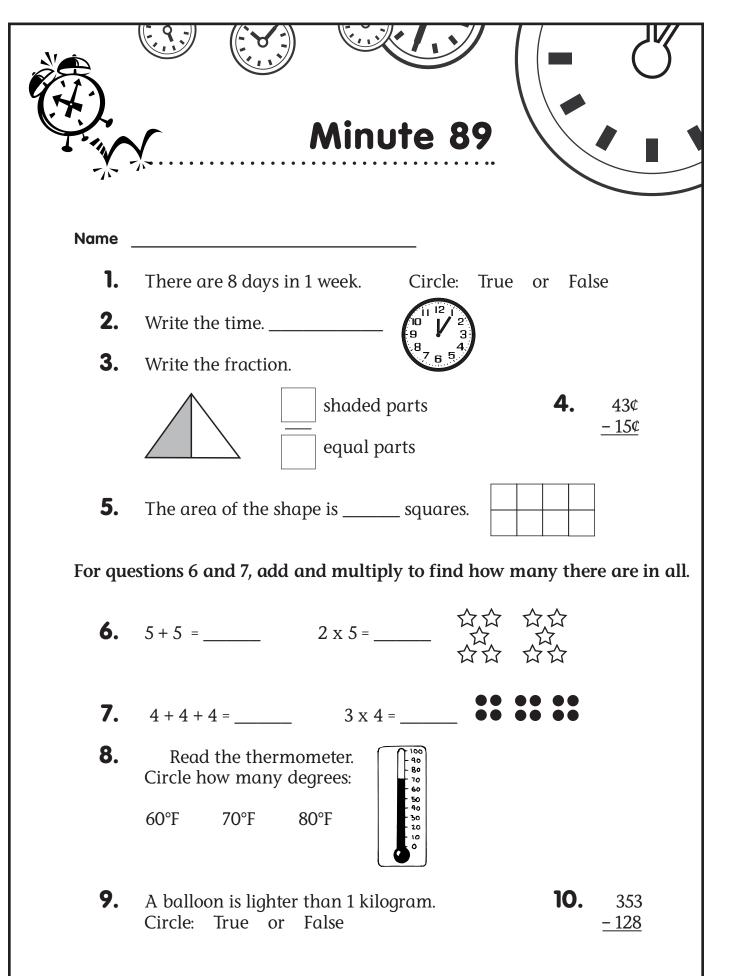
	Minute 84
Name _	
1.	There are 4 quarts in 1 gallon. Circle: True or False
—	ons 2 and 3, add and multiply to find how many there are in all.
2.	$2 + 2 + 2 + 2 = $ $4 \times 2 = $ $2 \times 2 = $
3.	3 + 3 = 2 x 3 = • • • • • •
4.	Write the fraction that names the shaded part. $\boxed{1}$ $\boxed{5}$
5.	Which weighs more? Underline the answer. an apple a watermelon
6.	6 + 3 + 5 =
7.	Write how many squares cover the shape. The area of the shape is squares.
8.	Use <, >, or =. thirty-nine 37
9.	Write the time (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
10.	Write the amount. $ \begin{array}{c} \hline \\ \hline $

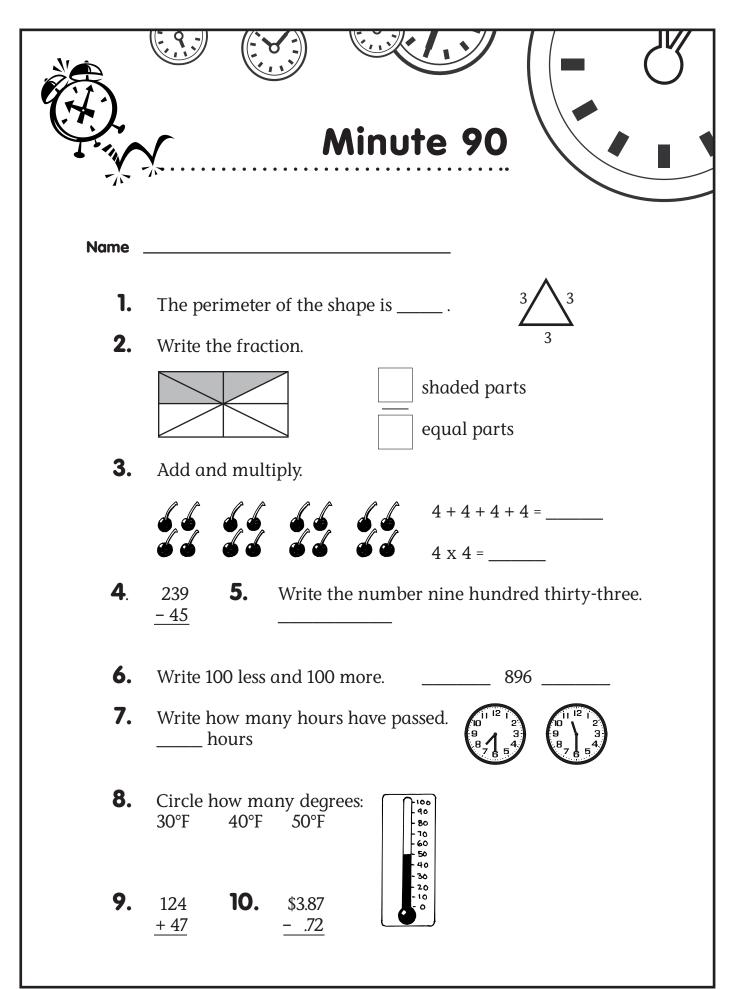
	Minute 85
Name	
1.	8 quarts are less than 1 gallon Circle: True or False
For que	estions 2 and 3, add and multiply to find how many there are in all.
2.	5 + 5 + 5 = 3 x 5 = (i)
3.	3 + 3 + 3 = 3 x 3 =
4.	45 - 10 =
5.	Write how many equal parts there are. 4
For que	estions 6 and 7, circle if each weighs more or less than 1 kilogram.
6.	a chair more less
7.	a banana more less weighs about 1 kilogram
8.	\$3.85 9. 110 + 10 =
10.	Circle what you would use to measure the length of your arm: inches feet pounds

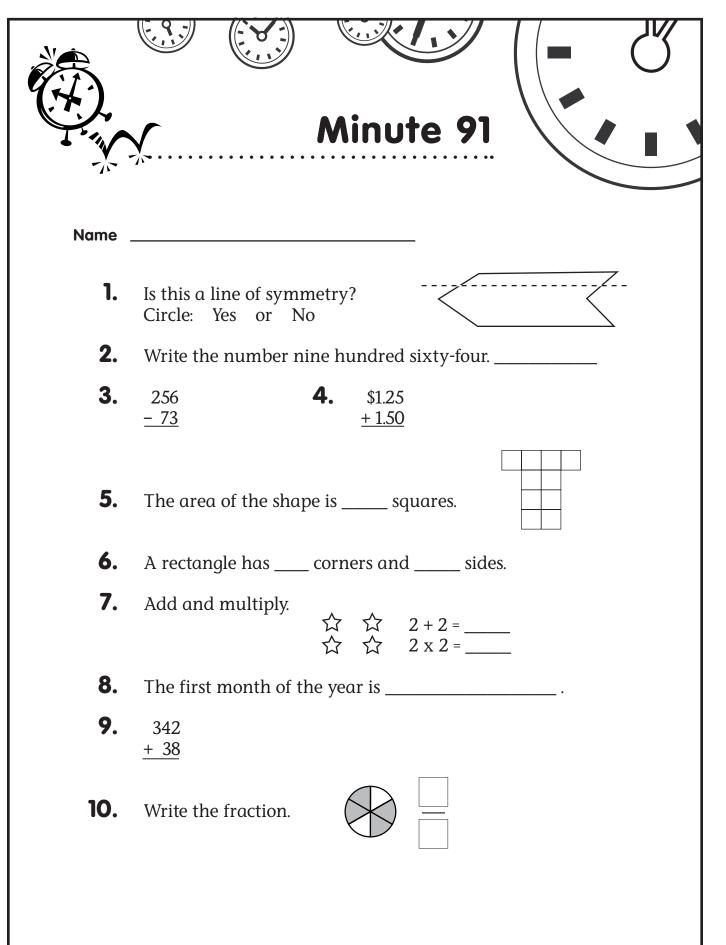


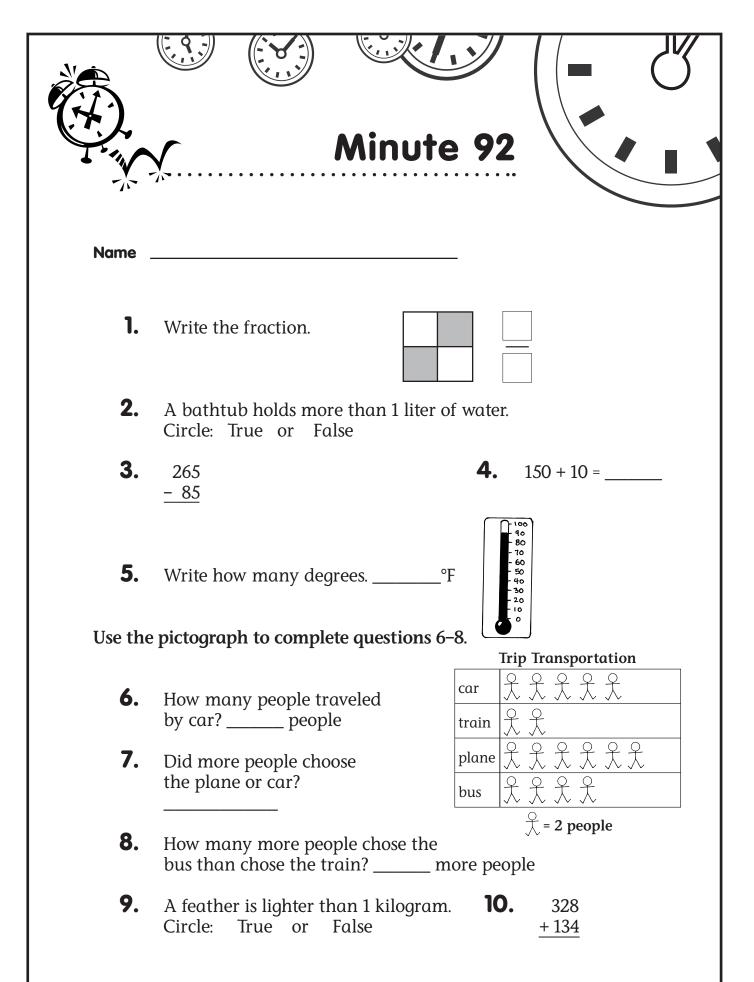
	Minute 87
*	
Name	
1.	Use >, <, or =. 25 ¢ 10 ¢ + 10 ¢
2.	Write 10 less and 10 more 635
3.	849 = hundreds tens ones
4.	\$3.94 <u>- 1.33</u>
5.	Write what comes next. 947, 948, 949,
6.	The area of the shape is squares.
7.	Write three hundred five
8.	85 + 10 =
9.	Tristan has 182 baseball cards. Camille has 128 baseball cards. Who has the most baseball cards?
10.	How many months are in 1 year? months

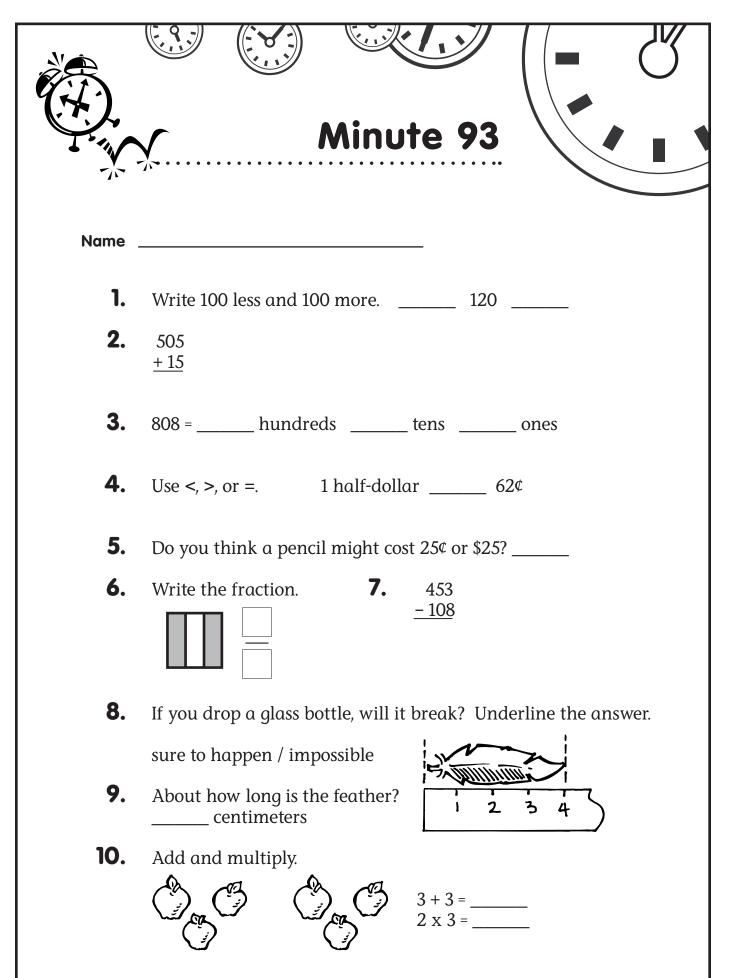
		E.		
		Minu	ite 8	B
Name _				
1.	Write the number	one hundred	l twenty-fiv	/e
2.	Use <, >, or =. 2	dimes	_20¢	
Use the	e table to complete	table to complete Katie's ('s Chores
	ons 3 and 4.	Job	Start Time	Amount of Time Job Took
		Put away toys	8:30	10 minutes
		Make bed	9:15	15 minutes
3.	What time did Kat	ie finish put	ting away l	ner toys?
4.	What time did Kat	ie finish ma	king her be	ed?
5.	Write the fraction.			
		shaded p	parts	
		equal pa		
6.	Use <, >, or =.			7. 18¢
	Eighty-seven	78		<u>+ 25¢</u>
8.	Write 100 less.	250		
9.	11 + 20 =			
10.	Write how many h hours	ours have po	assed.	$ \begin{array}{c} 1 & -1 \\ 2 \\ -3 \\ -4 \\ 7 \\ -5 \\ -5 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -6 \\ -7 \\ -7 \\ -7 \\ -7 \\ -7 \\ -7 \\ -7 \\ -7$



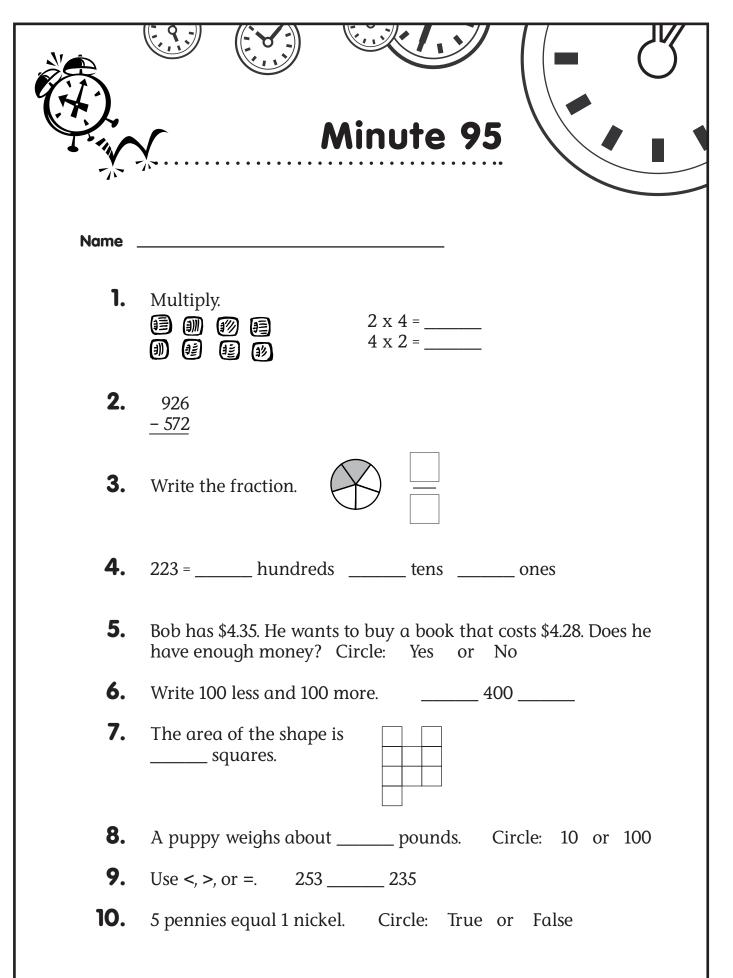


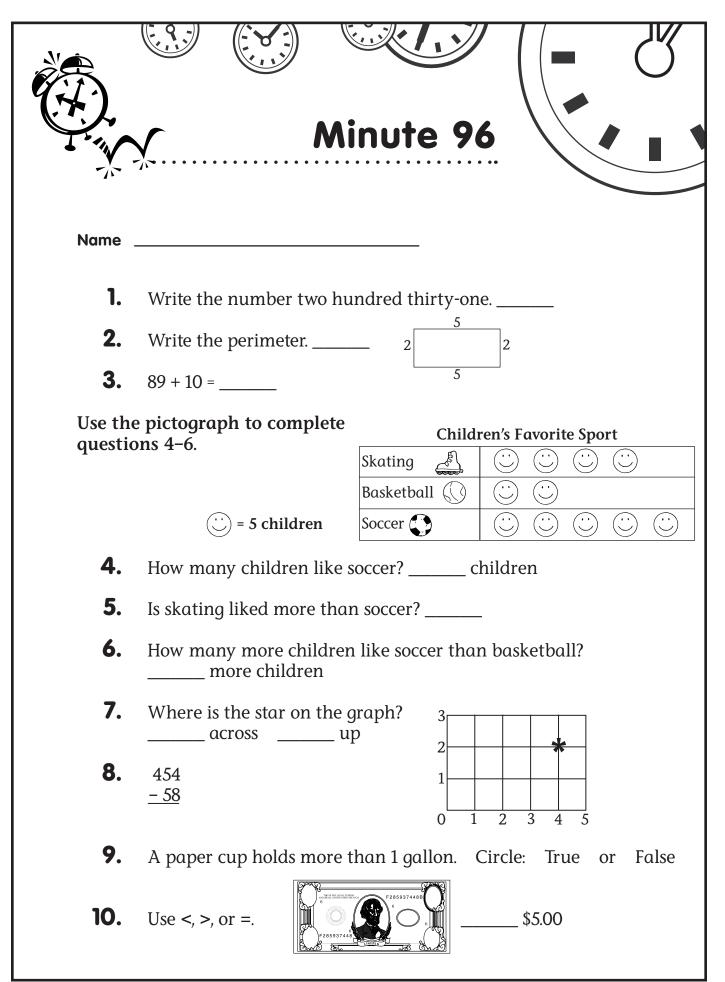






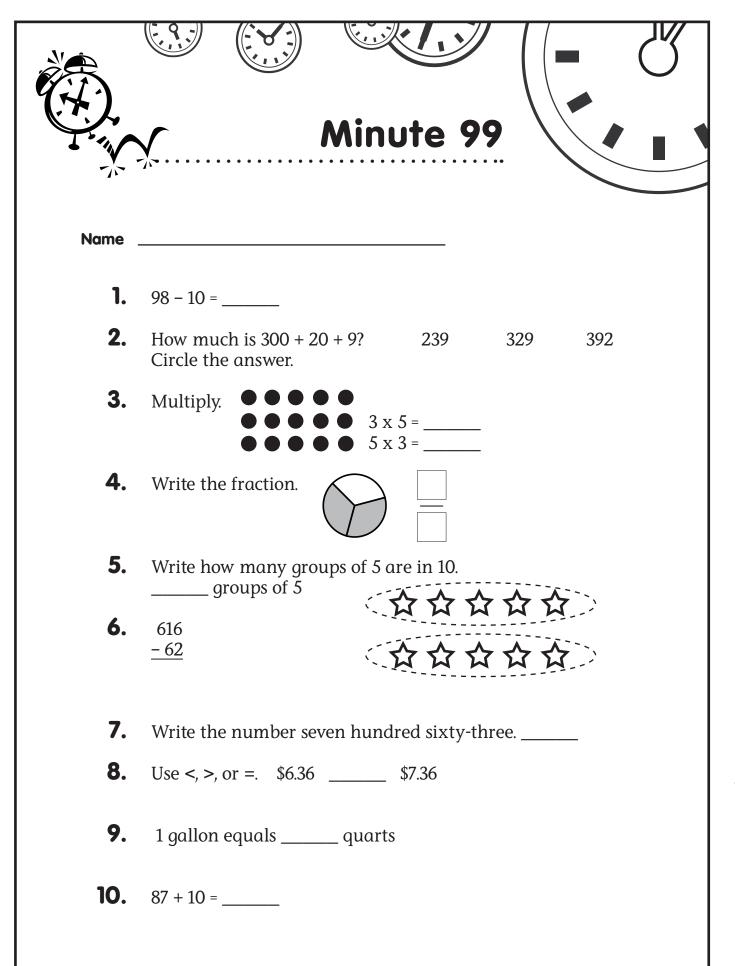
	Minute 94
Name 1.	Multiply. $\bigotimes \bigotimes \bigotimes \bigotimes \bigotimes \bigotimes 2 \ge 3 = _$
	Image: settions 2 and 3, circle if each weighs Image: or less than 1 pound. a watermelon more less weighs about 1 pound
3.	a carrot more less weight dout i pound $a = 200000000000000000000000000000000000$
Use the 5.	e graph to complete questions 5–7. Zoo Animals Go across 2. Go up 1. Do you find an elephant or a bear? 3
6.	Go across 4. Go up 3. Do you find a giraffe or a lion?
7.	Where is the snake? 0 1 2 3 4 5 6 7 8 Go across Go up
8.	\$4.50 9. 58 + 10 =
10.	A triangle has sides and corners.

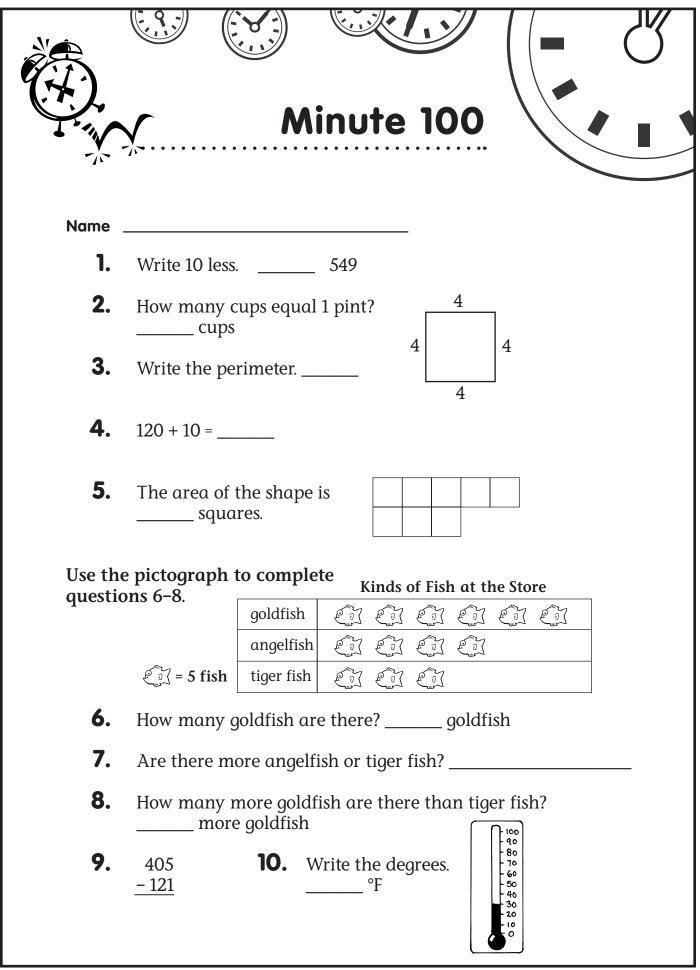




	Minute 97
Name	
1.	Write 10 less and 10 more 245
2.	930 3. Write the time. 3
4.	There are 12 cherries. Write how many groups of 4 there are. groups of 4
5.	Circle one half: $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$
6.	An aquarium holds more than 1 quart. Circle: True or False
7.	Sally has \$5.32. She wants to buy lunch for \$5.23. Does she have enough money?
8.	Multiply. 값값값값값값 2 x 5 = 값값값값값값 5 x 2 =
9.	234 <u>+ 47</u>
10.	Write the perimeter $5 \bigwedge_{3}^{5}$

$\overline{\mathcal{X}}$	
	Minute 98
-//-	
Name	
1.	649 = hundreds tens ones
2.	243 3. \$1.66 + 162 + 2.52
4.	Circle one third: $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$
5.	Find the pattern. Write what comes next.
	\$4.12 \$5.12 \$6.12
6.	Write the number one hundred eleven.
7.	Maria started her homework at 3:00. It took her 45 minutes to do it. What time did she finish?
8.	Find the perimeter 2 5
	3 4
9.	95 – 10 =
10.	How much is $400 + 30 + 3$? Circle the answer.
	343 334 433





	Minute	Answer Key	
Minute 1	Minute 6	Minute 11	Minute 16
1. 4 2. 6	1. 1¢ 2. 25¢	1. 9:00 2. 11:00	 oval rectangle
3. 4	3. 10¢	3. 18	3. triangle
4. 8	4. 55, 58	4. <	4. 74
5. 7 6. >	5. 63 6. 7	5. more 6. 15¢	5. 4 6. blue
7. 8	7. 46	7. Yes	7. 10
8. 3 9. square	8. 12¢ 9. 10¢	8. 🛆	8. 11 9. 68
9. square 10. triangle	10. 29¢	9. 13	10.
-	AA*- 1 - T	10. 15	AA*- 1 - 27
Minute 2 1. <	Minute 7 1. >	Minute 12	Minute 17 1. 13
2. >	2. <	1. 45 2. 5	2. 66¢
3. 2 4. 5	3. < 4. True	3. 3:00	3. 48¢ 4. 12
5. 9	5. 8	4. 6:00	4. 12 5. 43
6. 2	6. 12	5. 72 6. 43	6. 4,9
7. 7 8. 17	7. 8 8. 15	7. 29	7. 9,4 8. 17
8. 17 9. 9	9. 18	8. >	9. 51
10. 5	10. 3	9. 9 10. 18	10. True
Minute 3	Minute 8		Minute 18
1. 8, 10	1. 5,6	Minute 13 1. 15	1. 79
2. 2 3. 7	2. 32 3. 7	2. Student draws 10:00.	2. 45 3. 18
4. 9	4. 20, 30	3. 26 4. 10	4. 5:30
5. 7	5. 9¢	4. 10 5. 22	5. 8:30
6. 6 7. >	6. 25¢ 7. 12¢	6. 45	6. 56 7. 2
8. 6	8. 13	7. car 8. fifth	8. 76
9. strawberry 10. chocolate	9. < 10. 2	9. bicycle	9. 53
10. chocolate	10. 2	10. 39¢	10. square
Minute 4	Minute 9	Minute 14	Minute 19
1. 2 2. 7	1. 9 2. 5	1. 37¢	1. 8 2. False
3. <	3. False	2. 43¢ 3. 36	3. 12
4. 16 5. blue	4. snake 5. True	4. 9	4. 45 5. 12
6. 5	6. 15	5. 10	6. 53
7. 50	7. 14	6. 4 7. 8	7. 74
8. 34, 38 9. circle	8. 35 9. 50	8. 5	8. 70 9. 42
10. triangle	10.	9. frogs 10. 10	10. rectangle
Minute 5	Minute 10		Minute 20
1. 8	1. 13	Minute 15 1. 27	1. 17
2. 5 3. 11	2. 14 3. triangle	1. 27 2. 9	2. 9 3. 10
3. 11 4. 3	3. triangle 4. 53¢	3. 13	3. 10 4. 9 ones
5. 24	5. 8	4. 17 5. 40	5. 2 tens
6. 6 7. 3	6. 38 7. 22	6. 3:30	6. 89 7. 62¢
8. dime	8. 5	7. 7:30	7. 62¢ 8. 73
9. penny	9. 15	8. 3, 6 9. 5, 2	9. >
10. quarter	10.	9. 5, 2 10. 4, 9	10. <

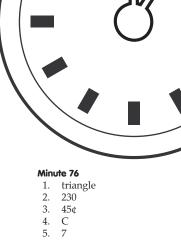
		Inswer Key	
Minute 21	Minute 26	Minute 31	Minute 36
1. $3 + 3 = 6$	1. 9	1. Student draws 3:15.	1. 74
2. $5 + 5 = 10$	2. 3 3. 33	2. 11	2. 2
3. 7 4. D	3. 33 4. 50	 brown eyes 24 	3. 85¢ 4. triangle
5. B	5. Mary	5. 4	5. rectangle
6. F	6. Katie	6. 27¢	6. 8:15
 1 dime, 1 nickel, 3 pennies 2 dimes 	7. 2 8. 35	7. 18 8. 45	7. 46 8. –
9. 28	9. 8	9. 11	9. 49
10. Student draws 2:00.	10. 21	10. October, November, December	10. 9
Minute 22	Minute 27	A4:	Minute 37
$\begin{array}{ccc} 1. & \bigcirc \\ 2. & 33\end{array}$	1. 2:30 2. 68	Minute 32 1. 30	 Thursday Saturday
3. nickel	3. Student draws 9:00.	2. 78	3. Tuesday
4. quarter	4. 25	3. 8	4. 95
5. 19 6. 9	5. 57	4. 3	5. 24
6. 9 7. 27	6. 3 7. $6 + 9 = 15$	5. 3:25 6. True	6. 5 7. 53
8. $4 + 4 = 8$	8. $10 + 4 = 14$	7. 34	8. 5
9. $6 + 6 = 12$	9. quarter	8. 20	9. 30
10. 🛆	10. 6	9. 39	10. 1st
Minute 23	Minute 28	10. December	Minute 38
1. 79	1. 66	Minute 33	1. True
2. 4	2. 82	1. April	2. C
3. 8 4. 46	3. 96 4. 9	2. 22 3. 4:45	3. + 4. 47¢
5. 5:30	5. 3:15	4. 6:30	5. 37¢
6. 11	6. 9	5. –	6. 6
7. 2	7. True	6. 94	7. 1
8. 8 9. 72	8. 1:30 9. 3:30	7. 25 8. 8,9	8. 52 9. 4, 8
10. 99	10. 5	9. 25¢	10. 99
		10. 12	
Minute 24 1. 18	Minute 29 1. 4:15	Minute 34	Minute 39 1. 104
2. 16	2. 33	1. 14	2. 91
3. 35	3. 6	2. 15	3. =
4. Student draws 12:30.	4. 8	3. False	4. 9
5. 68 6. 20	5. 12 6. 18	4. sisters 5. 3	5. False 6. 4:35
7. 75	7. >	6. 20	7. 96
8. 14	8. <	7. 9:55	8. 37
9. 7,9 10. 68¢	9. 8 10. 50	8. 6 9. 8	9. 7 10. fishing hiling
	10. 50	9. 8 10. 88	10. fishing, biking
Minute 25	Minute 30	Minute OF	Minute 40
1. False 2. 13	1. January 2. 16	Minute 35 1. 1:45	1. 3 2. hexagon
3. 81	3. 3	2. 48	3. 4
4. 12	4. 6:15	3. 45	4. 35¢
5. diamond	5. first, second, third	4. + 5. 12	5. 75
6. 8 7. 1:00	 fourth, fifth, sixth 98 	5. 13 6. 3	6. 168 7. Yes
8. 17	8. 33	7. 7,8	8. 39
9. 49	9. 85	8. 17	9. 88
10. 20	Student circles rectangle	e. 9. 48	10. 149

	Adiputo Ar		
		nswer Key	
Minute 41 1. 83	Minute 46 1. 518	Minute 51 1. 2	Minute 56 1. 659
2. 4	2. –	2. 15	2. Yes
3. 4 4. 3	3. False 4. 3	3. 52 4. 7	3. 966 4. False
4. <i>3</i> 5. 15	4. 3 5. 358	4. 7 5. 10	4. Faise 5. 130, 134
6. Student draws 3:00.	6. 2:30	6. 92, 98	6. 983
7. 50	7. 20	7. 3	7. True
8. 130 9. 3	 1 quarter, 1 dime, 1 nickel, 2 pennies 	8. 10 9. 30	8. 85 9. rectangular p
10. 58	9. 1 quarter, 1 dime,	9. 50 10. 10	10. cone
	3 pennies		
Minute 42 1. pentagon	10. 137, 141, 142	Minute 52 1. 22	Minute 57 1. No
2. 151	Minute 47	2. 20	2. feet
3. 15	1. 25¢	3. 113	3. feet
4. 29	2. 22	4. 400	4. 10:45
5. 1:40 6. 88	3. 3:15 4. 4, 5, 8	5. 2 6. 735	5. 337 6. 515
7. 2	5. 56	7. 2	7. 200, 400
8. 8	6. 67,75	8. True	8. 115
9. 5	7. 96	9. 10 hours	9. 91
10. 7	8. 7 9. 9	10. True	10. 525
Minute 43	10. 12	Minute 53	Minute 58
1. rectangle	14i	1. 217	1. True
2. 79 3. 3	Minute 48 1. 132	2. 99 3. 461	2.
4. 53	2. May	4. C	3. 337
5. <	3. Yes	5. 500	4. 83
6. 851 7. 36	4. Yes 5. 6:30	6. 10 7. cube	5. 11 6. 9
8. B	6. 10	8. cylinder	7. 515
9. C	7. 51¢	9. 4	8. 51
10. 65¢	8. Sharon 9. 22	10. No	9. 356 10. 70¢
Minute 44	9. 22 10. circle	Minute 54	10. 70¢
1. 174		1. cone	Minute 59
2. 100	Minute 49	2. 3	1. 218
3. 41 4. 1	1. 978 2. 151, 153, 154	3. 54 4. 600, 900	2. 26 3. 2, 4, 8
5. 151	3. 13	5. A	4. 781
6. Student draws 5:55.	4. 17	6. C	5. >
 feet inches 	5. pizza 6. 57¢	7. 20	6. 32 7. 712
9. 10	7. 74	8. B 9. 129	8. centimeters
10. 5	8. D	10. 100	9. meters
Aliqueto AE	9. I		10. 5:30
Minute 45 1. 54	10. G	Minute 55 1. Yes	Minute 60
2. 200	Minute 50	2. 12	1. B
3. 630	1. 45	3. 154	2. 329
4. 9 5 6	2. 56	4. 9:30	3. 431
5. 6 6. 3	3. 10 4. 719	5. 400, 700 6. 60¢	4. 45 5. cube
7. 18	5. 4:50	7. 874	6. 43¢
8. 9:00	6. 7:40	8. A	7. 790
9. 37¢	7. 186, 189 8 629	9. False	8. 600, 900 9 11:55
10. Amy	8. 629 9. False	10. 509	9. 11:55 10. 981
	10. feet		





Minute Answer Key



1. 103 2. cone 3. meters 4. centimeters 5. 5, 6, 3

Minute 61

- 6. 53 7. 101 8. 9
- 9. 199 10. \$1.00
- Minute 62
- 1. 5:00 2. 413 3. meters 4. Student draws x over circle. 5. 5 6. – 7. Friday 8. 77¢ 9. 12 10. 6, 9, 7 Minute 63

1. 788, 790 2. 55 3. 12 4. 40 5. Monday, Friday

6. Wednesday 7. 6, 3, 2 8. 8 9. B 10. Sunday Minuto 64

_	NINU	te 64
	1.	4, 2, 0
	2.	307
	3.	1 quarter
	4.	2 dimes and 1 nickel
	5.	790
	6.	91
	7.	56
	8.	135
	9.	12
1	0.	2:25
1	Ninu	te 65
	1.	395
	2.	90
	3.	9¢
	4.	40¢
	5.	12
	6.	>
	7.	12

8. B

10. 7

9. 438

///////		
1.	8	
2.	1,115	
3.	5	
4.	58	
5.	Yes	
	cylinder	
7.	93	
8.	29¢	
9.	e	
10.	a	
Minu	ute 67	
1.	6	
2.	109	
3.	1,059	
4.	rectangular prism	
5.	>	
6.	15	
7.	\$1.16	
	455	
9.	not happen	
10.	will happen	
Minute 68		
1.	\$2.33	
2.	99	
3.	2	
4.	96	
5.	<	
6.	square	
7.		
8.	Tall Tales	
9.	Yes 6	
10.	6	
Minu	ute 69	
1.	105	
2.	753	
3.	86	

Minute 66

/
Tall Tales
Yes
6
ute 69
105
753
86
Yes
317
No
not happen
will happen
True
6
ute 70
9
298
ch
\mathbf{Y}

4.

5.

6.

7.

8.

9.

Minute

1. 9

2.

3.

4. 16 5.

6. No

7.

9. 29 10.

7:25

3 8.

6

<

10. 6

Minu	te 71
1.	40
2.	82
3.	2¢
4.	Yes
5.	3, equal
6.	4, not equal
7.	15
8.	39
9.	546
10.	72¢

Minute 72

1. 24 2. 502 3. 93 4. 400, 402 5. 18 6. 1 7. 2 8. 18 9. 3 10. >

Minute 73

1. 44 2. \square 3. 104 4. 48 5. 2 6. 890 7. 61¢ 8. 871 9. 349, 351 10. 4

Minute 74

1. 200, 500 2. 65 3. 25¢ 4. A 5. < 6. 143 7. 57¢ 8. 2 9. 2 10. True Minute 75

Minute 75		
1.	110	
2.	807	
3.	13	
4.	4:15	
5.	С	
6.	13	
7.	8	
8.	less	
9.	more	
10.	>	

7.	94	
8.	7	
9.	5	
10.	blue boat	
Minute 77		
1.	610	
2.	39¢	
3.	more	
4.	less	
5.	>	
6.	783	

7. 1 8.

15

7

6. 3

9. 5 10. 80 Minute 78 1. 75 2. 775 3. 71 4. 121 5. 66¢ 6. > 7. more 8. less 9. 45 10. 25

Minute 79

- 1. Student draws 2
- balls in each box. 2. 6
- 3. 4
- 4. more
- 5. less Yes
- 6. 7. 65
- 8. Yes
- 9. 10. 58

Minute 80

- 1. 6 2. 39 3. cylinder 4. less 5. 94 6. 7. 8. 4 263 4,4 9. 289
- 10. No

