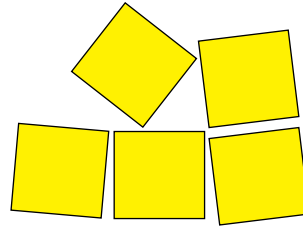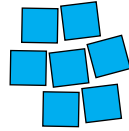Name: _____

Date: _____

1. Circle the group that has more squares.

2. How many more squares are in the larger group? _____

3. How many squares do you need so they have the same number? _____

4. What number is next in the pattern 3, 4, 5? _____

5. What number is next in the pattern 27, 28, 29? _____

6. Which is less: 9 or 6? _____

7. Write the two numbers that come after 19. _____   _____

8. Write the two numbers that come after 38. _____   _____

9–11. Add.

$4 + 3 =$ _____

$3 + 6 =$ _____

$4 + 5 =$ _____

12–14. Add.

$4 +$ _____ $= 10$

$2 +$ _____ $= 10$

$7 +$ _____ $= 10$

15–17. Subtract.

$8 - 3 =$ _____

$5 - 2 =$ _____

$10 - 4 =$ _____

18. What is 10 plus 4? _____

19. What is 30 + 5? _____

20. $47 = 40 +$ _____

21. $16 = 10 +$ _____

Name: _____

Date: _____

1–4. Write <, >, or = in the circles.

5 + 9 ◯ 8 + 8

7 + 8 ◯ 8 + 7

1 + 90 ◯ 19

100 + 1 ◯ 110

5–7. Add.

56 + 6 = _____

85 + 8 = _____

88 + 9 = _____

8–10. Subtract.

80 – 79 = _____

16 – 13 = _____

36 – 26 = _____

11–13. Add.

73 + 15 = _____

39 + 46 = _____

58 + 37 = _____

14. Draw a line under the circle that is only divided in half.
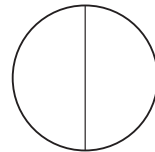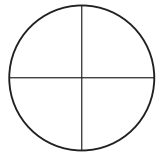
15. Draw a line under the circle that is divided into fourths.
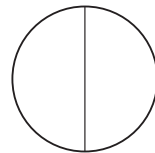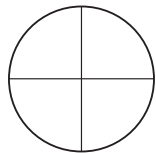
16. How many halves are in a whole? _____

17. How many fourths are in a half? _____

18. How many hundreds in 367? _____

19. How many tens in 482? _____

20. How many ones in 426? _____

Name: _____

Date: _____

1. How many digits are needed after the six to write six hundred? _____

2. How many digits are needed after the six to write sixty? _____

3. Count by 5s starting at 5.

   _5_ ____ ____ ____ ____

4. Count by 5s starting at 85.

   _85_ ____ ____ ____ ____

5. Count by 10s starting at 280.

   _280_ ____ ____ ____ ____

6. Count by 100s starting at 100.

   _100_ ____ ____ ____ ____

7–9. Write <, >, or = in the circles.

   611 + 100 ◯ 611 + 10

   89 + 63 ◯ 100 + 73

   250 + 10 ◯ 9 + 251

10–13. Write <, >, or = in the circles.

   9 – 6 ◯ 10 – 7

   8 – 6 ◯ 7 – 5

   13 – 5 ◯ 13 – 6

   9 – 8 ◯ 0 + 6

Name: _____

Date: _____

14–17. Add.

13 + 11 + 37 + 15 = _____

54 + 37 + 18 + 25 = _____

71 + 52 + 70 + 32 = _____

$4\frac{1}{2} + 2\frac{1}{2}$ = _____

18–21. Add or subtract.

2964	9778	6829	7094
+5342	+1318	−2637	−3528

22. Circle $\frac{1}{2}$ of each figure.
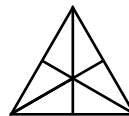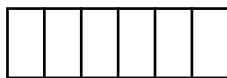
23. Circle $\frac{1}{3}$ of each figure.
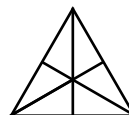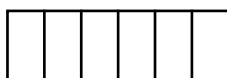
24. Circle $\frac{1}{4}$ of each figure.

Name: _____

Date: _____

1–6. Solve.

$6 \times 4 =$ _____

$7 \times 10 =$ _____

$6 \times 6 =$ _____

$8 \times 3 =$ _____

$9 \times 9 =$ _____

$2 \times 7 =$ _____

7–9. Solve.

$99 + 35 =$ _____

$81 - 56 =$ _____

$12 \times 4 =$ _____

10–12. Solve.

$36 \div 4 =$ _____

$\frac{72}{9} =$ _____

$5\overline{)55} =$ _____

13–16. Solve.

$693 + 5679 + 9650 =$ _____

$48{,}537 - 9{,}654 =$ _____

$685 \times 7 =$ _____

$7 \div 2 =$ _____

Name:_____

Date: _____

17. How much is half of $10\frac{1}{2}$ inches? _____

18. How much money is four quarters of a dollar? _____

19. How many minutes are in three quarters of an hour? _____

20–21. Solve.

$\frac{3}{4}$ + ____ = 1

$\frac{3}{5}$ + ____ = 1

22–23. Solve.

$17.89 + $9.37 = _____

$9.65 + $16.75 = _____

24. Jan and Jay are buying trees to plant. Each tree costs $3.89.
How much will five trees cost?_____

25. Jan and Jay plant five trees. Each tree takes them a quarter of an hour
to plant. If they start at 9:15, what time will they finish planting?

_____

Name: _____

Date: _____

1–8. Draw lines to match the left column with the right column.

38 thousand 38	38,038
three hundred and eight	38
three and eight tenths	0.38
three-eighths	$\frac{3}{8}$
thirty-eight hundred	308
three hundred eighty	3.8
thirty-eight	3800
38 hundredths	380

9–11. Multiply.

$608 \times 45 =$ _____

$7183 \times 76 =$ _____

$718.3 \times 76 =$ _____

12–13. Divide.

$7\overline{)52524}$ $\qquad$ $4\overline{)39012}$

14. Circle the correct equations.

$4 \times 9 = 36$ $\qquad$ $\sqrt{4} = (9 + 3) \div 6$ $\qquad$ $\sqrt{4} \times \sqrt{9} = \sqrt{36}$ $\qquad$ $4 = 9 - 3 - 6$

15. $\dfrac{574 + 574 + 574 + 574}{4} =$ _____

16. $8945 - 853 + 853 + 5 =$ _____

Name: _____

Date: _____

17. 24.84 + 7.3 = _____

18. 10 – 4.5 = _____

19–28. Write <, >, or = in the circles.

99 million $\bigcirc$ 9,900,000

$\frac{3}{12}$ $\bigcirc$ $\frac{3}{11}$

$\frac{7}{15}$ $\bigcirc$ $\frac{9}{15}$

1 $\bigcirc$ .98

70% $\bigcirc$ $\frac{3}{4}$

56 × (9 + 1.8) $\bigcirc$ (56 × 9) + (56 × 1.8)

10 × .78 $\bigcirc$ 10

Average of 20, 21, 24 $\bigcirc$ 20

10% $\bigcirc$ .1

2^3 $\bigcirc$ 8

29–33. Complete the equations.

$\frac{2}{5}$ + $\frac{1}{5}$ + _____ = 1

$\frac{3}{8}$ + $\frac{1}{2}$ + _____ = $1\frac{1}{8}$

2 – _____ = $\frac{1}{6}$

6 × _____ = 3

5 ÷ _____ = 2.5

34. Factor 36 into prime numbers. _____

35. A class of 26 children are going on a field trip. Six children will fit in a van. How many vans are needed? _____

Name: _____

Date: _____

1–12. Do the calculations. Use the space below for your work.

a	b	Add $a + b$	Subtract $a - b$	Multiply $a \times b$	Divide $a \div b$
$\frac{2}{3}$	$\frac{1}{3}$				
$\frac{3}{4}$	$\frac{1}{2}$				
$2\frac{1}{4}$	$1\frac{3}{8}$				

13–20. Do the calculations. Use the space below for your work.

a	b	Add $a + b$	Subtract $a - b$	Multiply $a \times b$	Divide $a \div b$
4.2	0.6				
593.1	0.45				

Name: _____

Date: _____

21-26. Write the answer.

$4^2 =$ _____

$10^2 =$ _____

$3^3 =$ _____

$8^2 =$ _____

$2^5 =$ _____

$6^2 =$ _____

27-30. Match the square root with its approximate value.

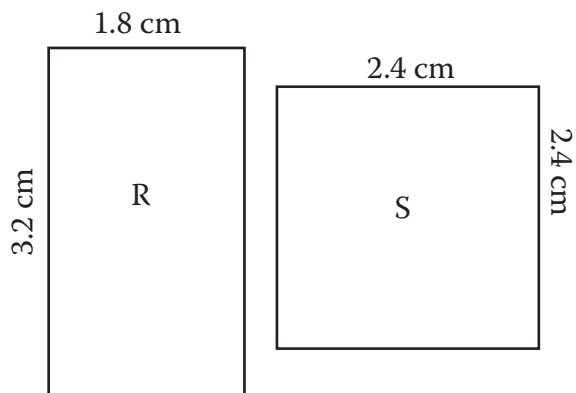|	
$\sqrt{76}$	4.1
$\sqrt{17}$	6.2
$\sqrt{39}$	8.7
$\sqrt{11}$	3.3

31-32. Which rectangle has the greater area? Which rectangle has the greater perimeter?

1.8 cm

2.4 cm

3.2 cm   R

2.4 cm

S

33. This square has an area of 49 yd². If Percy and Priscilla walk around the square, how far would they walk?

Answers for Placement Test A

1. Group of 7 on the left.
2. 2
3. 2
4. 6
5. 30
6. 6
7. 20, 21
8. 39, 40
9. 7
10. 9
11. 9
12. 6
13. 8
14. 3
15. 5
16. 3
17. 6
18. 14
19. 35
20. 7
21. 6

If a child gets 5 or more wrong, they need to be in RightStart Mathematics Level A.

Answers for Placement Test B

1. <
2. =
3. >
4. <
5. 62
6. 93
7. 97
8. 1
9. 3
10. 10
11. 88
12. 85
13. 95
14. Second figure is underlined.
15. First figure is underlined.
16. 2
17. 2
18. 3
19. 8 or 48
20. 6 or 426

If a child gets 5 or more wrong, they need to be in RightStart Mathematics Level B.

Answers for Placement Test C

1. 2
2. 1
3. 5, 10, 15, 20, 25
4. 85, 90, 95, 100, 105
5. 280, 290, 300, 310, 320
6. 100, 200, 300, 400, 500
7. >
8. <
9. =
10. =
11. =
12. >
13. <
14. 76
15. 134
16. 225
17. 7
18. 8306
19. 11,096
20. 4192
21. 3566
22. Answers may very slightly.

23. Answers may very slightly.

24. Answers may very slightly.

If a child gets 6 or more wrong, they need to be in RightStart Mathematics Level C.

Answers for Placement Test D

1. 24
2. 70
3. 36
4. 24
5. 81
6. 14
7. 134
8. 25
9. 48
10. 9
11. 8
12. 11
13. 16,022
14. 38,883
15. 4795
16. $3\frac{1}{2}$
17. $5\frac{1}{4}$
18. $1.00
19. 45 minutes
20. $\frac{1}{4}$
21. $\frac{2}{5}$
22. $27.26
23. $26.40
24. $19.45
25. 10:30

If a child gets 6 or more wrong, they need to be in RightStart Mathematics Level D.

Answers for Placement Test E

1. 38 thousand 38 ——————— 38,038
   three hundred and eight — 38
   three and eight tenths — 0.38
   three-eighths — $\frac{3}{8}$
   thirty-eight hundred — 308
   three hundred eighty — 3.8
   thirty-eight — 3800
   38 hundredths — 380
9. 27,360
10. 545,908
11. 54,590.8
12. 7503 r3
13. 9753
14. All but 4 = 9 – 3 – 6 are circled.
15. 574
16. 8950
17. 32.14
18. 5.5
19. >
20. <
21. <
22. >
23. <
24. =
25. <
26. >
27. =
28. =
29. $\frac{2}{5}$
30. $\frac{2}{8}$ or $\frac{1}{4}$
31. $1\frac{5}{6}$
32. $\frac{1}{2}$
33. 2
34. $2 \times 2 \times 3 \times 3$ or $2^2 \times 3^2$
35. 5 vans

If a child gets 8 or more wrong, they need to be in RightStart Mathematics Level E.

Answers for Placement Test F

1. 1
2. $\frac{1}{3}$
3. $\frac{2}{9}$
4. 2
5. $1\frac{1}{4}$ or $\frac{5}{4}$
6. $\frac{1}{4}$
7. $\frac{3}{8}$
8. $\frac{3}{2}$ or $1\frac{1}{2}$
9. $3\frac{5}{8}$
10. $\frac{7}{8}$
11. $3\frac{3}{32}$
12. $1\frac{7}{11}$ or $\frac{18}{11}$
13. 4.8
14. 3.6
15. 2.52
16. 7
17. 593.55
18. 592.65
19. 266.895
20. 1318
21. 16
22. 100
23. 27
24. 64
25. 32
26. 36
27. $\sqrt{76}$ —— 8.7
28. $\sqrt{17}$ —— 4.1
29. $\sqrt{39}$ —— 6.2
30. $\sqrt{11}$ —— 3.3
31. A(R) = 5.76 cm² and A(S) = 5.76 cm²; areas are the same
32. P(R) = 10 cm and P(S) = 9.6 cm; the rectangle has a greater perimeter
33. 28 yds

If a child gets 7 or more wrong, they need to be in RightStart Mathematics Level F.

If a child completes these questions satisfactorily, they are ready for RightStart Mathematics Level G, followed by Level H.