Practice Set 77

**Use with or after
Lesson 11·3**

SRB
52-53
92-94

Write your answers below or on another piece of paper.

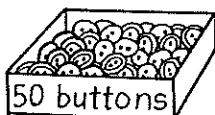Imagine that each of the following containers is tipped over onto a table.

1.

500
Pennies

How many HEADS? _____ How many TAILS? _____

2.

200 counters

How many *black* sides faceup? _____

How many *white* sides faceup? _____

3.

50 buttons

How many *front* sides faceup? _____

How many *back* sides faceup? _____

Solve each division problem. If the problem has a remainder, write that amount after the letter *R*.

Example   100 ÷ 9 → **11 R1**

4. 81 ÷ 9 → _____

5. 54 ÷ 6 → _____

6. 72 ÷ 8 → _____

7. 56 ÷ 8 → _____

8. 48 ÷ 6 → _____

9. 36 ÷ 6 → _____

10. 35 ÷ 4 → _____

11. 200 ÷ 6 → _____

12. 95 ÷ 4 → _____

13. 17 ÷ 6 → _____

14. 3,000 ÷ 5 → _____

15. 332 ÷ 10 → _____

Practice Set 78

Use with or after
Lesson 11·5

Write your answers below or on another piece of paper.

A   B   C   D
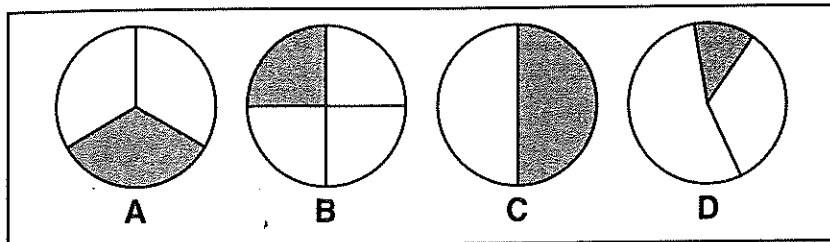
On which of the spinners above ...

1. are you equally likely to land on the shaded part or the white part?

_____

2. are you likely to land on the shaded part about $\frac{1}{4}$ of the time?

_____

3. are you twice as likely to land on a white part?

_____

4. are you likely to land on a white part about $\frac{3}{4}$ of the time?

_____

5. are you likely to land on the shaded part about $\frac{1}{3}$ of the time?

_____

Find the mean of each data set below.

> To *find the mean,* add all the numbers in the data set. Then count how many numbers are in the set, and divide the total by that number. Round to the nearest whole number.

6. 349, 756, 821, 444, 348, 259 _____

7. 3,500; 3,511; 3,487; 3,548 _____
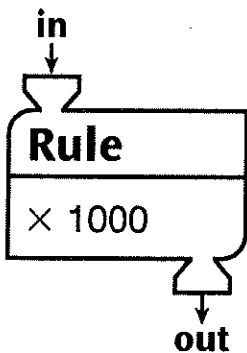
8. 28, 34, 56, 54, 76, 89, 21, 13, 49, 112 _____

9. 1,001; 1,012; 998; 799; 804; 1,030 _____

Practice Set 78 *continued*

Write your answers below or on another piece of paper.

Write the missing numbers.

10.

in
↓
Rule
× 1000
out

in	out
1	1,000
2	
	3,000
7	
	10,000

11.

in
↓
Rule
× 16
out
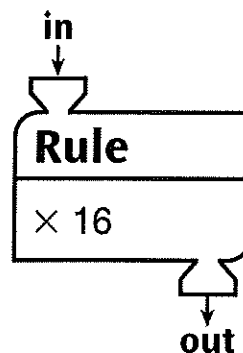
in	out
1	16
	32
	64
7	
	160

12.

in
↓
Rule
× 1,000
out
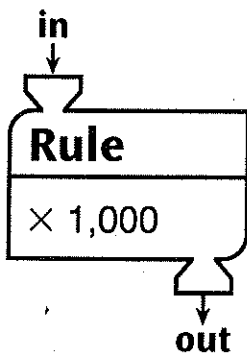
in	out
1	1,000
	4,000
	8,000
50	
100	

13.

in
↓
Rule
× 2000
out
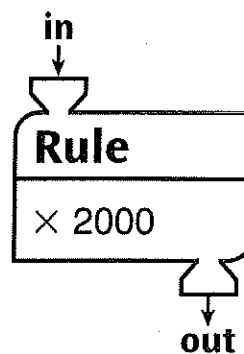
in	out
1	2,000
2	
4	
	20,000
7	

125

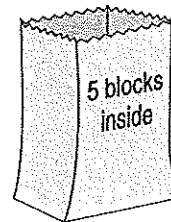## Practice Set 79

Write your answers below or on another piece of paper.

Make the following predictions:

1. You make 10 random draws. *You draw ...*
   • blue 4 times
   • red 4 times
   • yellow 2 times

   5 blocks inside

   Predict the colors of the 5 blocks in the bag. _____

   Tell what fraction of the blocks is NOT yellow. _____

2. You make 25 random draws. *You draw ...*
   • orange 16 times
   • purple 9 times

   Predict the colors of the 5 blocks in the bag. _____

3. You make 50 random draws. *You draw ...*
   • red 19 times
   • blue 21 times
   • white 10 times

   Predict the colors of the 5 blocks in the bag. _____

   Tell what fraction of the blocks are white. _____
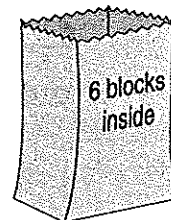
4. You make 50 random draws. *You draw ...*
   • blue 26 times
   • red 24 times

   Predict the colors of the 6 blocks in the bag. _____

5. You make 40 random draws. *You draw ...*
   • pink 6 times
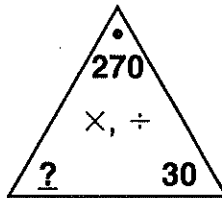   • orange 13 times
   • red 7 times
   • green 14 times

   6 blocks inside

   Predict the colors of the 6 blocks in the bag. _____

   Tell what fraction of the blocks are pink. _____

Practice Set 79 *continued*

SRB
54 55

Write your answers below or on another piece of paper.

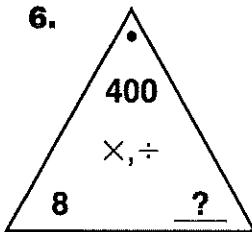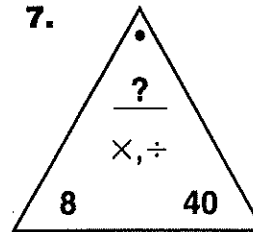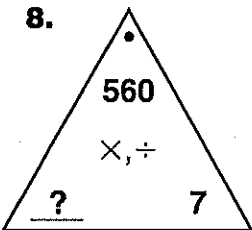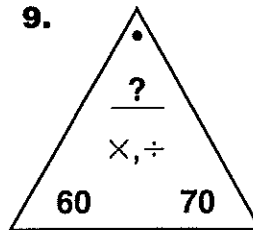Find the missing number for each Fact Triangle. Then write the number family for that triangle.

Example

270
×, ÷
?   30
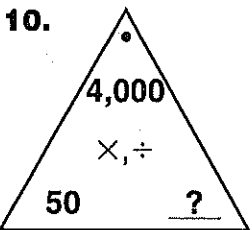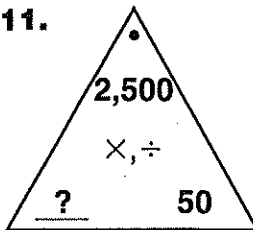
Missing number: 9
Fact Family:
$9 \times 30 = 270$
$30 \times 9 = 270$
$270 \div 9 = 30$
$270 \div 30 = 9$

6.

400
×, ÷
8   ?

Missing number: ___
Fact family:

_____

_____

_____

7.

?
×, ÷
8   40

Missing number: ___
Fact family:

_____

_____

_____

8.

560
×, ÷
?   7

Missing number: ___
Fact family:

_____

_____

_____

9.

?
×, ÷
60   70

Missing number: ___
Fact family:

_____

_____

_____

10.

4,000
×, ÷
50   ?

Missing number: ___
Fact family:

_____

_____

_____

11.

2,500
×, ÷
?   50

Missing number: ___
Fact family:

_____

_____

_____

127

Practice Set 80

Write your answers below or on another piece of paper.

Add numbers to the chart and find the total for each column. Then answer the questions.

There are 5 third grade classes at Lincoln Elementary.
- Room 101 has 12 boys and 12 girls.
- Room 102 has 14 boys and 12 girls.
- Room 103 has 13 boys and 13 girls.
- Room 104 has 11 boys and 13 girls.
- Room 105 has 12 boys and 11 girls.

1.

Number of Third Graders at Lincoln Elementary School

Room Number	Boys	Girls
101		
102		
103		
104		
105		
TOTALS		

2. Use fractions to tell about how many of the third grade students are girls and about how many are boys.

_____

3. There are about 100 *second* graders at the school. Predict how many are boys and how many are girls.

_____

4. There are about 130 *fourth* graders at the school. Predict how many are girls and how many are boys.

_____

5. Can you predict whether a new student in the third grade will be a boy or a girl?

_____