

Name: _____

College: _____

4th Grade Math

Week of 6/21 - 6/25/2021

Spelman



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1867

HOWARD
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Monday

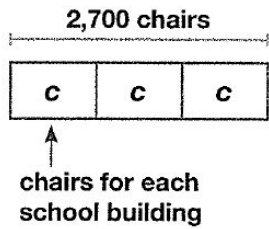
Date: June 21

Grade 4
Review
Topic 5

Learning Target: I can use my strategies and properties to divide by 1-digit numbers.

Standards: 4.NBT.B

A school district shares 2,700 chairs equally among 3 school buildings. How many chairs will each school building have?



Find $2,700 \div 3 = c$.

The basic fact is $27 \div 3 = 9$.

27 hundreds $\div 3 = 9$ hundreds, or 900.

$$2,700 \div 3 = 900$$

Each school building will have 900 chairs.

Remember you can use basic division facts and place value to divide mentally.

1. $250 \div 5$

2. $810 \div 9$

3. $3,200 \div 4$

4. $4,200 \div 7$

5. $1,000 \div 2$

6. $240 \div 4$

7. $450 \div 5$

8. $720 \div 9$

9. $3,600 \div 4$

10. $4,900 \div 7$

11. $2,000 \div 2$

12. $280 \div 4$

13. $2,100 \div 7$

14. $560 \div 8$

Use multiplication to estimate $420 \div 8$.

8 times what number is about 420?

$$8 \times 5 = 40,$$
$$\text{so, } 8 \times 50 = 400.$$

So, $420 \div 8$ is about 50.

Use compatible numbers to estimate $1,519 \div 7$.

What number close to 1,519 is easily divided by 7?

Try division facts to help find compatible numbers for 1,519

1,519 is close to 1,400.

$$14 \div 7 = 2,$$
$$\text{so } 1,400 \div 7 = 200.$$

So, $1,519 \div 7$ is about 200.

Remember basic facts can help you find a number that is easily divided by the divisor.

Estimate each quotient.

1. $718 \div 8$

2. $156 \div 4$

3. $482 \div 8$

4. $174 \div 3$

5. $843 \div 7$

6. $321 \div 2$

7. $428 \div 6$

8. $811 \div 9$

9. $5,616 \div 8$

10. $7,224 \div 8$

11. $6,324 \div 9$

12. $3,627 \div 9$

13. $331 \div 4$

14. $1,222 \div 6$

15. $2,511 \div 5$

16. $362 \div 6$

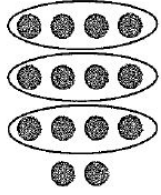
17. $4,940 \div 7$

18. $9,312 \div 3$

Set C pages 181–184

Tom is putting 14 apples into bags. Each bag holds 4 apples. How many bags can Tom fill? Will any apples be left over?

Use a model to represent $14 \div 4$.



$$14 \div 4 = 3 \text{ R}2$$

Tom can fill 3 bags. There will be 2 apples left over.

Remember to make sure the remainder is less than the divisor.

- 22 pickles
3 pickles on each plate
 $22 \div 3 = \underline{\quad}$ with $\underline{\quad}$ left over

How many plates have 3 pickles?

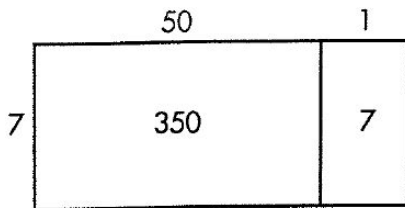
- 19 stamps
2 stamps on each envelope
 $19 \div 2 = \underline{\quad}$ with $\underline{\quad}$ left over

How many stamps are not on an envelope?

Set D pages 185–192

Find $357 \div 7$.

Use a model. Divide by finding partial quotients.



$$\begin{array}{r}
 \overline{) 357} \\
 \underline{- 350} \\
 7 \\
 \underline{- 7} \\
 0
 \end{array}
 \left. \begin{array}{l} 1 \\ 50 \end{array} \right\} 51$$

Divide. Use the Distributive Property.

$$\begin{aligned}
 357 \div 7 &= (350 + 7) \div 7 \\
 &= (350 \div 7) + (7 \div 7) \\
 &= 50 + 1 \\
 &= 51
 \end{aligned}$$

Remember to add the partial quotients to find the actual quotient.

Use partial quotients to solve.

- There are 81 chairs in 3 equal groups. How many chairs are in each group?
- There are 174 games scheduled for 6 different leagues. Each league has the same number of games scheduled. How many games does each league have scheduled?
- There were 1,278 people at the last basketball game. The stands were divided into 6 sections. The same number of people sat in each section. How many people sat in each section?

Tuesday

Date: June 22

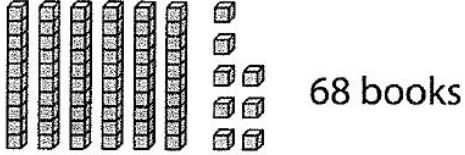
Grade 4
Review
Topic 5

Learning Target: I can use strategies and properties to divide by 1-digit numbers.

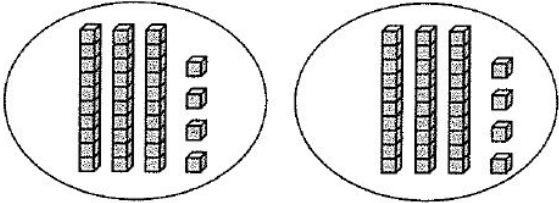
Standards: 4.NBT.A

Margaret packed 68 books equally into 2 boxes. How many books did Margaret pack in each box?

Find $68 \div 2$.



Divide the tens into two equal groups.
Then divide the ones into two equal groups.



$$68 \div 2 = 34, \text{ because } 2 \times 34 = 68.$$

Margaret packed 34 books in each box.

Remember to check if your answer is reasonable.

Ret

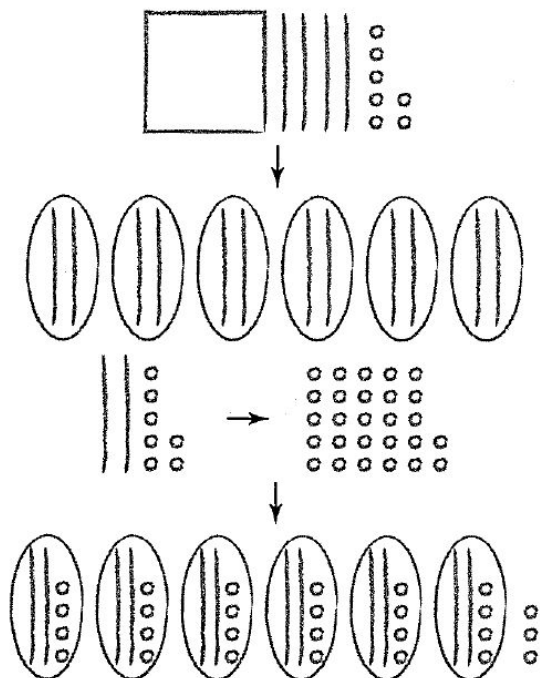
Tell how many are in each group and how many are left over.

1. 138 books; 5 stacks
2. 55 shells; 3 jars
3. 217 pens; 7 cases
4. 154 shoes; 4 boxes
5. 195 seeds; 6 planters

Set F pages 197–200

Find $147 \div 6$.

Estimate $120 \div 6 = 20$.



$147 \div 6 = 24 \text{ R}3$ is close to 20, so the answer is reasonable.

Remember to estimate the quotient to check if your answer is reasonable.

1. $710 \div 9$ 2. $657 \div 5$

3. $398 \div 8$ 4. $429 \div 2$

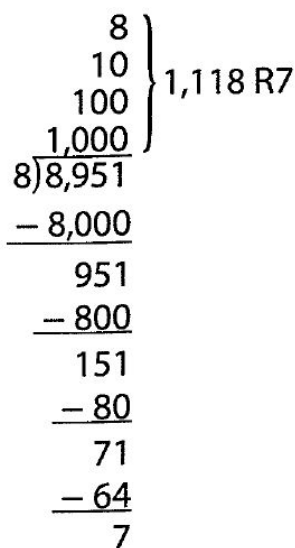
5. $470 \div 6$ 6. $255 \div 4$

Set G pages 201–204

Find $8,951 \div 8$.

Estimate: $8,800 \div 8 = 1,100$.

One strategy is partial quotients.



Remember you can use your estimate to check if your answer is reasonable.

Choose a strategy to divide.

1. $4,649 \div 4$ 2. $2,843 \div 3$

3. $8,478 \div 6$ 4. $6,399 \div 9$

5. $379 \div 2$ 6. $3,812 \div 5$

7. $4,793 \div 5$ 8. $5,957 \div 7$

Wednesday

Date: June 23

**Grade 4
Review
Topic 6**

Learning Target: I can use addition, subtraction, multiplication or division to solve word problems.

Standards: 4.OA.A



Write an equation for each comparison. Find the value of the variable that makes the equation true.

k is 9 times as many as 3.

$$k = 9 \times 3 \quad k = 27$$

m is 6 more than 21.

$$m = 6 + 21 \quad m = 27$$

There are 30 apples and 6 bananas in a basket. How many times as many apples as bananas are in the basket?

Let t = the number of times as many apples as bananas.

t times as many as 6 is 30.

$$t \times 6 = 30$$

Since $5 \times 6 = 30$, there are 5 times as many apples as bananas in the basket.

Remember to use addition or subtraction when you know how much more, and multiplication or division when you know how many times as many.

Write and solve an equation to match each comparison.

- x is 21 more than 21.
- Macon has 32 rocks in his collection. He has 4 times as many rocks as his brother. How many rocks, r , does Macon's brother have?
- Pam has 24 pencils and 6 erasers. How many times, t , as many pencils as erasers does Pam have?

At a restaurant, a children's meal costs \$5, and an adult meal costs \$9. Four children and 2 adults order meals. The family has a \$25 gift certificate to use. How much will their total be before tax?

T = total cost of meals

How much did the meals cost?

\$5	\$5	\$5	\$5	\$9	\$9
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$$4 \times \$5 = \$20$$

$$2 \times \$9 = \$18$$

$$T = \$20 + \$18$$

$$T = \$38$$

Using the gift certificate, how much is the total?

T	
\$25	M

$$\$38 - \$25 = M$$

$$M = \$13$$

Remember to first find and answer any hidden questions.

- There are 64 singers in the choir. The tenors and sopranos are in separate rows. There are 8 singers in each row. There are 4 rows of tenors. How many rows of sopranos are there?
- Samantha has \$600 saved for a trip. She buys an airline ticket for \$120 and reserves a hotel room for \$55 each night for 4 nights. If Samantha's trip lasts for 5 days and she spends the same amount each day, how much can Samantha spend each day?

There are 13 girls and 14 boys signed up to join volleyball. Each team needs 6 players. How many teams can be formed, and how many more players are needed to form one more team?

Find the total number of players signed up.

$$13 + 14 = p$$
$$27 = p$$

Divide to find the number of teams that can be formed.

$$27 \div 6 = t$$
$$4 \text{ R}3 = t$$

There are 3 students left not on a team. Subtract to find the number of players still needed to make a team.

$$6 - 3 = p$$
$$3 = p$$

4 teams can be formed. 3 more players are needed to make one more team.

Remember to draw bar diagrams to help if needed.

Solve each multi-step problem. Write equations to show how you solve.

1. Keiva made \$96 in necklace sales and half that amount in bracelet sales. How much money did Keiva make in necklace and bracelet sales?
2. A dog and cat rescue uses 40 pounds of dog food and 15 pounds of cat food to feed its animals each day. How many pounds of dog and cat food do they use in seven days?

Thursday

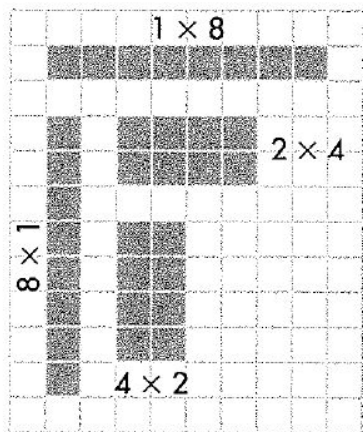
Date: June 24

Grade 4
Review
Topic 7

Learning Target: I can identify factors and multiples.

Standards: 4.OA.B

Draw arrays to find all the factor pairs for 8.



1 row of 8
8 rows of 1

2 rows of 4
4 rows of 2

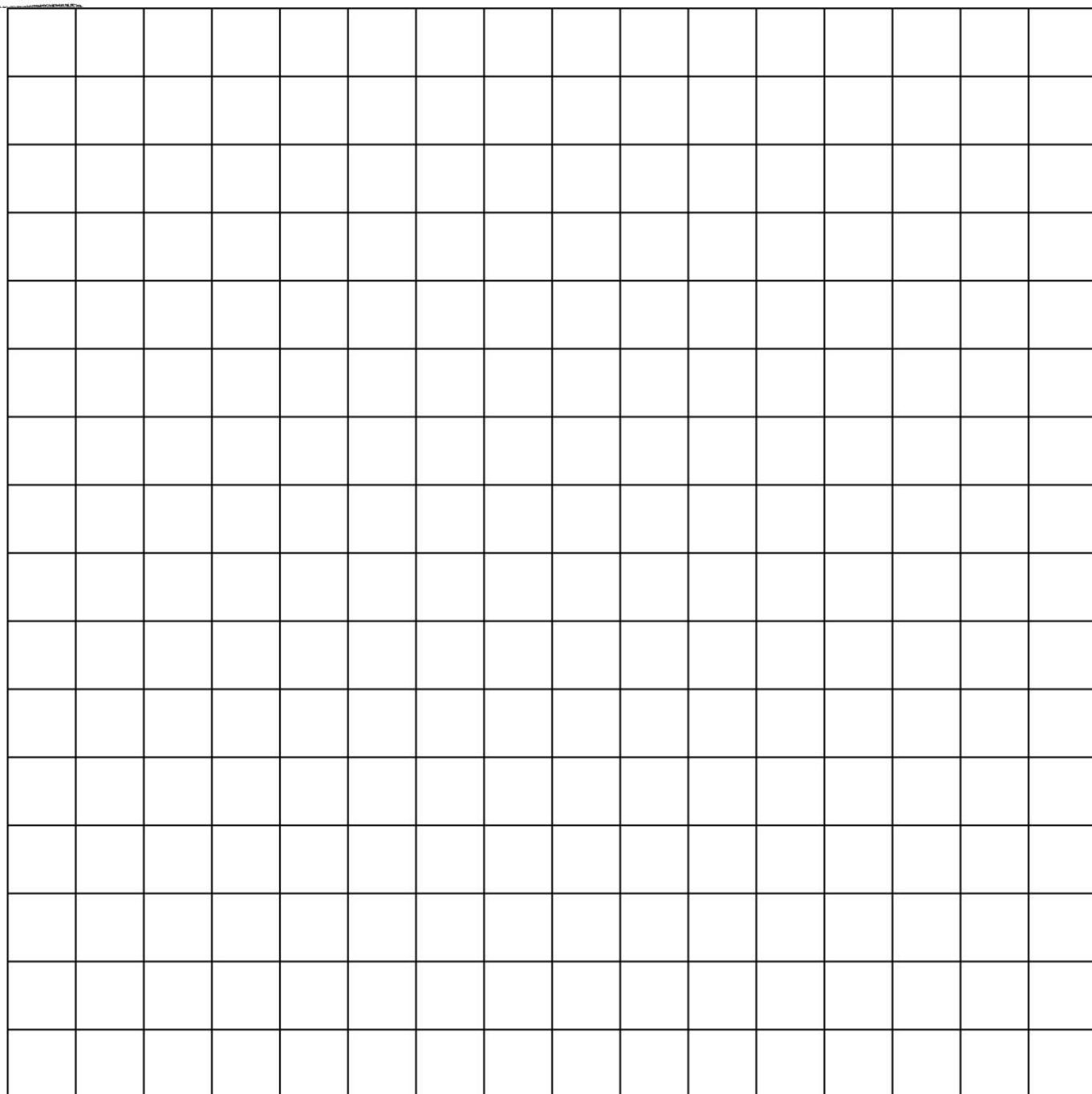
The factor pairs for 8 are 1 and 8, 2 and 4.

Remember that 1 is a factor of every number.



Use grid paper to find the factor pairs for each number.

1. 26
2. 9
3. 37
4. 24
5. 19



Find the factor pairs for 12.

1 and 12

2 and 6

3 and 4

The factors of 12 are 1, 2, 3, 4, 6, and 12.

Remember you can use counters or grids to make arrays and find the factors of a number.

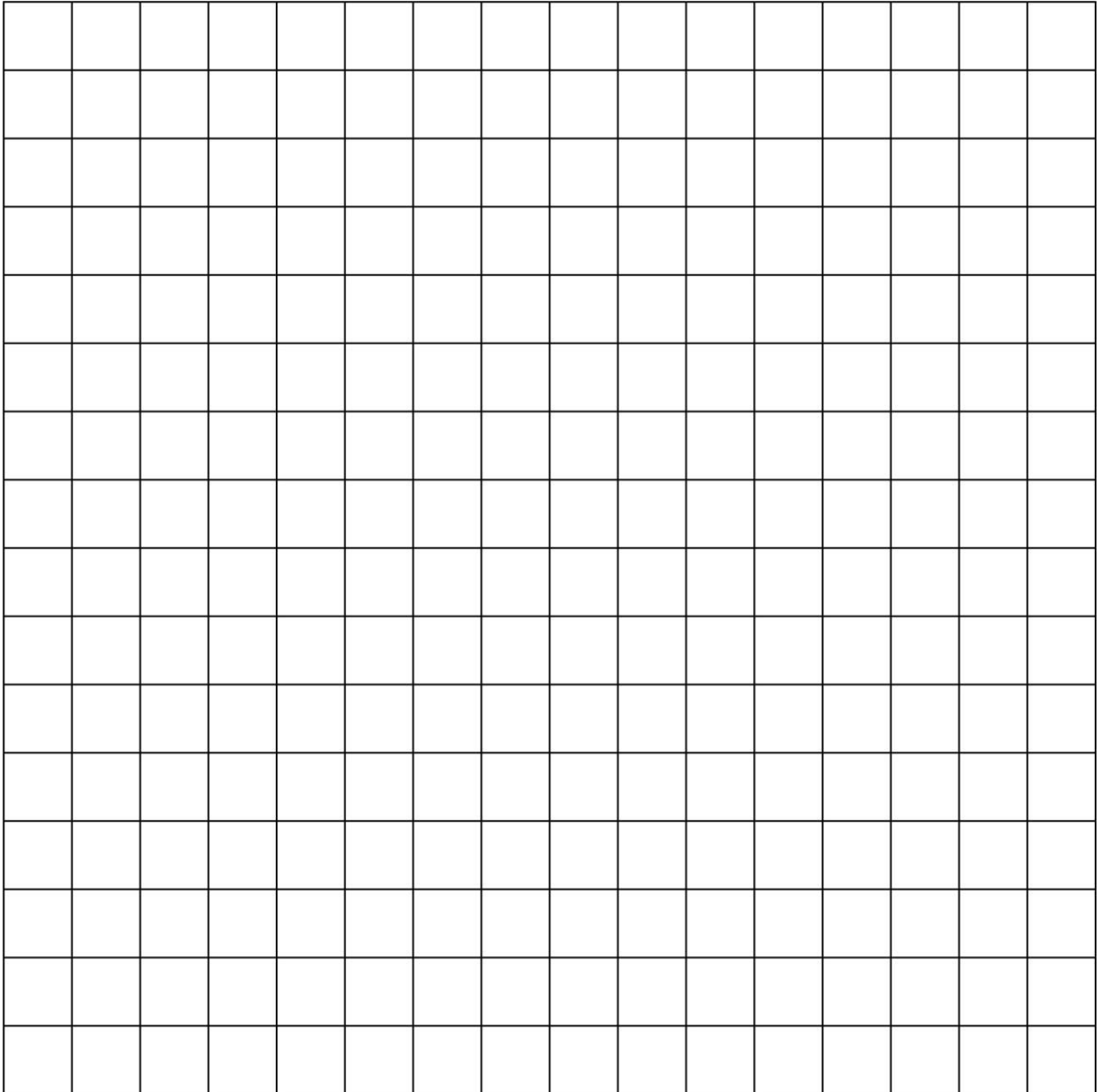
Find the factors of each number.

1. 45

2. 40

3. 56

4. 63

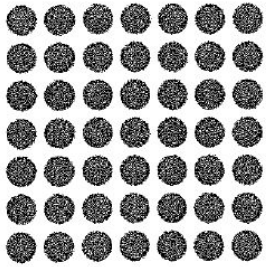


Is 49 prime or composite?

To determine if 49 is prime or composite, find whether 49 has factors other than 1 and 49.

49 is composite because it is divisible by 7.

$$49 = 7 \times 7$$



Remember you can use an array to determine if a number is prime or composite.

Tell whether each number is prime or composite.

1. 13
2. 25
3. 55
4. 2
5. 29
6. 23
7. 64
8. 99
9. 5
10. 21

Find five multiples of 7.

Use multiplication.

$$7 \times 1 = 7$$

$$7 \times 2 = 14$$

$$7 \times 3 = 21$$

$$7 \times 4 = 28$$

$$7 \times 5 = 35$$

You can skip count to find multiples of a number.



Remember that to find multiples of a number, multiply the number by any whole number.

Find five multiples of each number.

1. 3
2. 6
3. 4
4. 9

Tell whether the first number is a multiple of the second number.

5. 22, 2
6. 29, 3
7. 25, 5
8. 40, 8

Friday

Date: June 25

<p>Grade 4 Review</p>	<p>Learning Target: Standards:</p>
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