

My Homework

Lesson 1

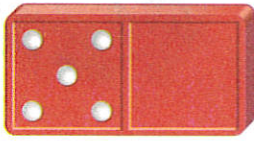
Addition Properties

Homework Helper



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You can add in any order to find a sum.



$$\begin{array}{r} 5 \\ + 0 \\ \hline 5 \end{array} \quad \begin{array}{r} 0 \\ + 5 \\ \hline 5 \end{array}$$



$$4 + 5 = 9$$

$$5 + 4 = 9$$

Practice

Find each sum.

1. $\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$

2. $\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$

3. $\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$ $\begin{array}{r} 0 \\ + 9 \\ \hline \end{array}$

4. $\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$

5. $1 + 7 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

6. $\underline{\quad} = 0 + 3$

$\underline{\quad} = 3 + 0$

Find each sum.

7. $2 + 3 =$ _____

8. $5 + 3 =$ _____

$3 + 2 =$ _____

$3 + 5 =$ _____

9. The zoo has 4 striped snakes. It has 2 yellow snakes. Write two ways you can find how many snakes the zoo has in all.



_____ + _____ = _____

_____ + _____ = _____

10. Kathy counts 4 baby goats and 5 baby sheep in the petting zoo. Write two ways you can find how many babies there are in all?



_____ + _____ = _____

_____ + _____ = _____

Vocabulary Check



Circle the number sentence that shows the vocabulary word.

11. **addends**

$3 + 1 = 4$
↑ ↑

$3 + 1 = 4$
 ↑

$3 + 1 = 4$
↑ ↑



Math at Home Have your child solve the following problem: There are three kittens eating. Two more come over to eat. How many kittens are there in all?

Name _____

My Homework

Lesson 2

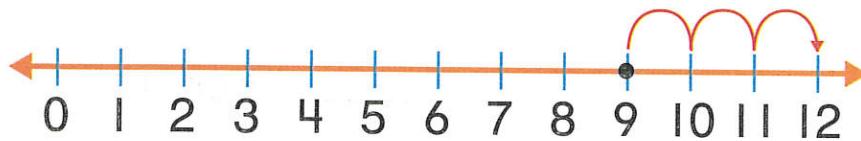
Count On to Add

Homework Helper



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Use a number line to find $9 + 3$. Start with the greater addend. Count on to add.



$$9 + 3 = 12$$

Practice

Count on to add. Use the number line above.

1. $4 + 1 =$ _____

2. $2 + 6 =$ _____

3. $1 + 8 =$ _____

4. $3 + 6 =$ _____

5. $2 + 4 =$ _____

6. $2 + 8 =$ _____

7.
$$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$$

Read and then solve the problems.

10. 6 bees are buzzing near a hive.
3 more bees come out of the hive.
How many bees are there now?

_____ bees

11. Cherie has 5 trading cards. She gets
3 more cards. How many cards does
Cherie have now?

_____ cards



12. There are 8 butterflies on a bush. 3 more
butterflies fly onto the bush. How many
butterflies are on the bush now?



_____ butterflies

Vocabulary Check

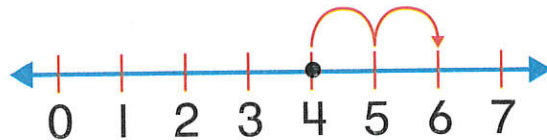


Draw lines to match.

13. **count on**

$$6 + 3 = 9$$

14. **addend**



Math at Home Give your child an addition fact. Have him or her count on from the greater number to find the sum.

My Homework

Lesson 3

Doubles and Near Doubles

Homework Helper

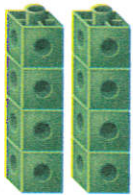


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Two addends that are the same are called doubles.

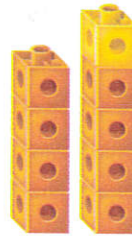
Two addends that are almost a doubles fact are called near doubles.

Doubles



$$4 + 4 = 8$$

Near Doubles



$$4 + 5 = 9$$

Practice

Add. Circle the doubles facts.

1. $5 + 7 =$ _____

2. $2 + 3 =$ _____

3. $5 + 5 =$ _____

4. $8 + 7 =$ _____

5.
$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

Add. Circle the near doubles facts.

9. $2 + 9 =$ _____

10. $12 + 3 =$ _____

11. $4 + 5 =$ _____

12. $8 + 8 =$ _____

13. $9 + 8 =$ _____

14. $7 + 6 =$ _____

Solve. Then write the doubles fact that helped you solve the problem.

15. 4 frogs are sitting beside a pond. 5 dragon flies land beside them. How many animals are there altogether?

_____ + _____ = _____ animals

_____ + _____ = _____



Vocabulary Check



Draw lines to match.

16. **near doubles** $4 + 4 = 8$

17. **doubles** $4 + 5 = 9$



Math at Home Have your child use objects to make doubles and tell the addition fact.

Name _____

My Homework

Lesson 4

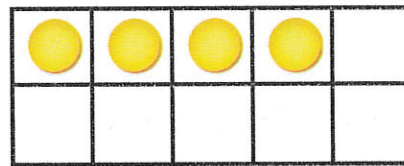
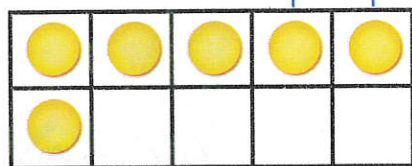
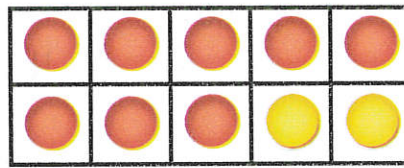
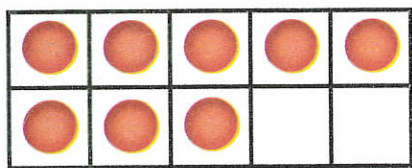
Make a 10

Homework Helper



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Make a ten to help you add.

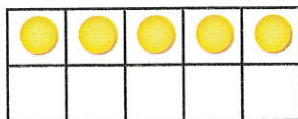
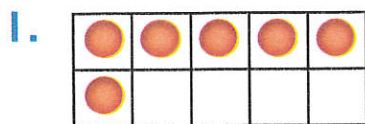


$$8 + 6$$

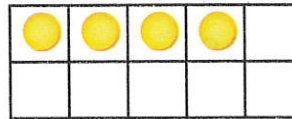
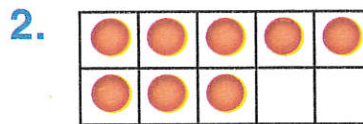
Think: $8 + 2 = 10$
Add: $10 + 4 = 14$.
So, $8 + 6 = 14$.

Practice

Make a ten to add.



$$6 + 5 = \underline{\hspace{2cm}}$$



$$8 + 4 = \underline{\hspace{2cm}}$$

Make a ten to add.

3. $7 + 4 =$ _____

4. $4 + 8 =$ _____

5. $9 + 7 =$ _____

6. $7 + 6 =$ _____

7. $3 + 9 =$ _____

8. $7 + 5 =$ _____

9.
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$$



12. Raul wins 8 chess matches on Saturday and 5 on Sunday. How many matches did he win?



_____ matches

Test Practice

13. Which addition sentence can help you find the sum for $8 + 7$?

$5 + 7 = 12$



$10 + 5 = 15$



$10 + 8 = 18$



$10 + 7 = 17$



Math at Home Have your child tell you how to find $8 + 7$ by making a 10.

Name _____

My Homework

Lesson 5

Add Three Numbers

Homework Helper



Need help? connectED.mcgraw-hill.com

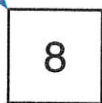
Look for facts you know to help you add three numbers.

$$6 + 5 + 4$$



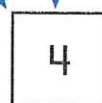
$$10 + 5 = 15$$

$$4 + 5 + 4$$



$$8 + 5 = 13$$

$$3 + 1 + 4$$



$$4 + 4 = 8$$

Practice

Find each sum.

1. $6 + 6 + 4 =$ _____

2. $6 + 2 + 8 =$ _____

3. $3 + 3 + 9 =$ _____

4. $7 + 4 + 3 =$ _____

5.
$$\begin{array}{r} 1 \\ 9 \\ + 4 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 7 \\ 6 \\ + 6 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 8 \\ 4 \\ + 2 \\ \hline \end{array}$$

Find each sum.

$$\begin{array}{r} 8. \quad 7 \\ \quad 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4 \\ \quad 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 9 \\ \quad 8 \\ + 1 \\ \hline \end{array}$$

11. The zoo has 3 giraffes, 4 African elephants, and 3 Asian elephants. How many elephants and giraffes are at the zoo?

I've got lots of elephant and giraffe friends!

_____ giraffes and elephants

12. There are 5 tigers, 4 leopards, and 6 lions at the zoo. How many big cats are at the zoo?

_____ big cats

Test Practice

13. Which addition sentence could help solve this problem?

$$3 + 5 + 7 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 2 + 3 = 5 \\ \bigcirc \end{array}$$

$$\begin{array}{r} 5 + 5 = 10 \\ \bigcirc \end{array}$$

$$\begin{array}{r} 3 + 7 = 10 \\ \bigcirc \end{array}$$

$$\begin{array}{r} 5 + 2 = 7 \\ \bigcirc \end{array}$$



Math at Home Have your child show you how to add $7 + 7 + 1$.

My Homework

Lesson 6

Problem Solving: Write a Number Sentence

Kim's mom is making blueberry pancakes.

She makes 4 pancakes in the first batch.

In the second batch she makes 5 more.

How many pancakes does Kim's mom make?



1 Understand Underline what you know.
Circle what you need to find.

2 Plan How will I solve the problem?

3 Solve I will write a number sentence.

$$4 + 5 = 9$$

Kim's mom made 9 pancakes.

4 Check Is my answer reasonable?

Practice

Underline what you know. Circle what you need to find.
Write a number sentence to solve.

1. Kit, Ruth, and Dean each eat 2 slices of pizza.
How much pizza do they eat in all?

$$\underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad} \text{ pizza slices}$$

I have 9 sweaters in me!

2. Aki packs 2 suitcases with 9 sweaters in each.
How many sweaters did he pack in all?

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad} \text{ sweaters}$$

3. Kylee is making a pattern with 6 circles and 3 squares. How many shapes does she use in all?

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad} \text{ shapes}$$

Me, too! It must be cold where we're going!

Test Practice

4. Which addition sentence is not correct?

$$4 + 4 + 2 = 10$$



$$4 + 3 + 3 = 10$$



$$4 + 2 + 2 = 8$$



$$4 + 2 + 4 = 8$$



Math at Home Have your child write a number sentence to solve this problem.

There are two kittens eating. Three more come over to eat. How many kittens are there in all?

Name _____

My Homework

Lesson 7

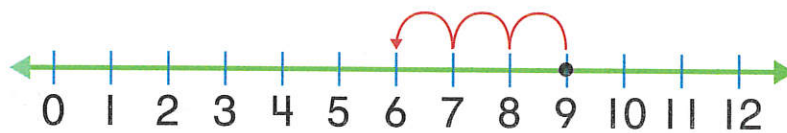
Count Back to Subtract

Homework Helper



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Use the number line. Start at 9, count back to subtract.



$$9 - 3 = 6$$

Practice

Count back to subtract. Use the number line above.

1. $12 - 4 =$ _____

2. $11 - 3 =$ _____

3. $8 - 3 =$ _____

4. $6 - 2 =$ _____

5. $6 - 3 =$ _____

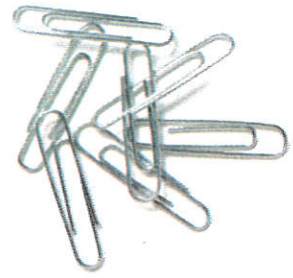
6. $10 - 2 =$ _____

7.
$$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 11 \\ - 1 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

10. A paper clip holder has 12 clips.
Alex uses 3 paper clips.
How many paper clips are left?

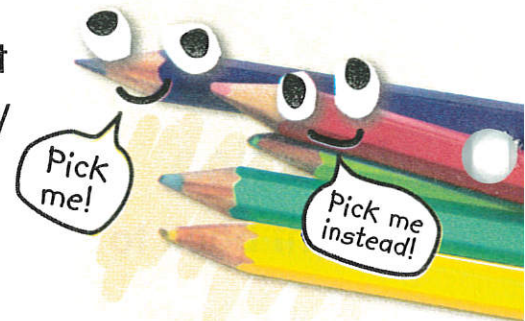


_____ paper clips

11. Marty buys 11 erasers. He uses 1 eraser.
How many erasers does Marty have left?

_____ erasers

12. Jenny had 9 pencils in her desk. She let
her friends borrow 2 of them. How many
pencils does she have left?



_____ pencils

Vocabulary Check



Complete the sentence.

count back **sum** **difference**

13. You can _____ to subtract.
14. The answer to a subtraction problem is called the _____.



Math at Home Have your child count back to subtract. Say a number between 3 and 12.
Have your child subtract 1, 2, or 3.

Name _____

My Homework

Lesson 8

Subtract All and Subtract Zero

Homework Helper



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You can subtract all.

You can subtract zero.

 $6 - 6 = 0$

 $6 - 0 = 6$

Practice

Subtract.

1.
$$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 15 \\ - 15 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 1 \\ - 1 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 7 \\ - 0 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 12 \\ - 12 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 4 \\ - 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 8 \\ - 0 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 0 \\ - 0 \\ \hline \end{array}$$

9. $3 - 0 = \underline{\hspace{2cm}}$

10. $17 - 17 = \underline{\hspace{2cm}}$

11. $3 - 3 = \underline{\hspace{2cm}}$

12. $2 - 0 = \underline{\hspace{2cm}}$

Recess rules!

13. 10 children play ball. After they finish, all 10 go back to class. How many children keep playing ball?

_____ children

14. 8 girls take a walk. When they reach the park, they all keep walking. How many girls are still taking a walk?

_____ girls

15. 18 children are at the store. All of them check out and go outside. How many are still shopping?

_____ children

Test Practice

16. Find the difference.

$$19 - 19 =$$

0

18

19

38



Math at Home Have your child use small objects to show $5 - 5$ and $5 - 0$.

My Homework

Lesson 9

Use Doubles to Subtract

Homework Helper



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Use doubles facts to subtract. Find $12 - 6$.



If you know $6 + 6 = 12$,



then you also know $12 - 6 = 6$.

Practice

Subtract. Circle the doubles facts.

1. $18 - 9 =$ _____

2. $6 - 2 =$ _____

3. $8 - 2 =$ _____

4. $5 - 3 =$ _____

5. $16 - 8 =$ _____

6. $8 - 3 =$ _____

7. $6 - 3 =$ _____

8. $8 - 8 =$ _____

9.
$$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$$

Subtract. Circle the doubles facts.

12. $14 - 6 =$ _____

13. $18 - 8 =$ _____

14. $18 - 9 =$ _____

15. $15 - 7 =$ _____

16. Anita checks out 14 library books. She reads 7 of the books. How many books does she still have to read?

_____ books



17. Lindsay has 16 cupcakes to hand out. She has given 8 to the girls in her class. How many does she have left?

_____ cupcakes

Test Practice

18. Mark the number sentence that uses doubles.

$4 - 4 = 0$



$8 - 4 = 4$



$8 - 3 = 5$



$8 - 8 = 0$



Math at Home Call out doubles facts. Have your child name the subtraction problem for each double.

My Homework

Lesson 10

Relate Addition and Subtraction

Homework Helper



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You can use addition facts to subtract.

If you know $6 + 3 = 9$, then you also know that

$9 - 3 = 6$ and $9 - 6 = 3$.



$$6 + 3 = 9$$



$$9 - 3 = 6$$



$$9 - 6 = 3$$

Practice

Use addition facts to subtract.

1. $7 + 5 =$ _____

2. $6 + 9 =$ _____

$12 - 5 =$ _____

$15 - 9 =$ _____

3. $8 + 5 =$ _____

4. $4 + 7 =$ _____

$13 - 5 =$ _____

$11 - 7 =$ _____

Use addition facts to subtract.

5.
$$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 4 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 0 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

8. Megan sent 12 postcards last week. This week she sent 4 postcards. How many more postcards did she send last week?

_____ postcards



I hope Megan writes to me!

Vocabulary Check



9. Using 2, 4, and 6, write an example of **related facts**.

_____	○	_____	○	_____
_____	○	_____	○	_____
_____	○	_____	○	_____
_____	○	_____	○	_____



Math at Home Ask your child to show you an addition sentence with spoons and relate it to subtraction.

My Homework

Lesson 11

Missing Addends

Homework HelperNeed help? connectED.mcgraw-hill.com

Use related facts to find missing addends.

$$7 + \boxed{8} = 15$$

$$15 - 7 = \boxed{8}$$

Practice

Find the missing addend.

1. $8 + \boxed{} = 12$

$12 - 8 = \boxed{}$

2. $\boxed{} + 6 = 15$

$15 - 6 = \boxed{}$

3. $8 + \boxed{} = 13$

$13 - 8 = \boxed{}$

4. $\boxed{} + 7 = 11$

$11 - 7 = \boxed{}$

5. $8 + \boxed{} = 17$

$17 - 8 = \boxed{}$

6. $9 + \boxed{} = 12$

$12 - 9 = \boxed{}$

7. David and his friends are flying 9 kites. Some kites get stuck in a tree. 7 kites are still flying. How many kites are in the tree?

$$7 + \boxed{} = 9 \quad \text{______ kites}$$

8. The Girl Scouts put some boats in the pond. They leave 9 boats on land. There are 15 boats altogether. How many boats did the scouts put into the pond?

$$9 + \boxed{} = 15 \quad \text{______ boats}$$

9. 7 boys were riding their bikes. Some of the boys went home. 3 boys are still riding their bikes. How many boys went home?

$$3 + \boxed{} = 7 \quad \text{______ boys}$$



Vocabulary Check



Complete the sentence.

missing addend

sum

10. When a number sentence only has one addend, you must find the _____ to solve it.



Math at Home Ask your child to tell you the subtraction fact that will help him or her find the missing addend in $7 + \boxed{} = 15$.

Name

My Homework

Lesson 12

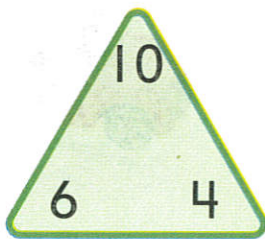
Fact Families

Homework Helper



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Use related facts to complete a fact family.



$6 + 4 = 10$

$4 + 6 = 10$

$10 - 4 = 6$

$10 - 6 = 4$

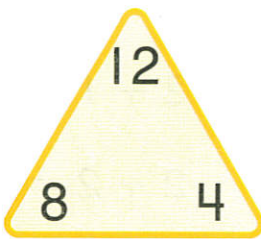
Helpful Hint

Each fact in a fact family uses the same three numbers.

Practice

Complete each fact family.

1.



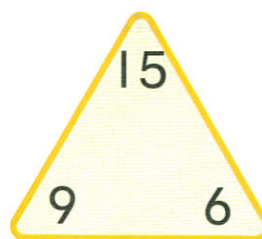
$+$ $=$

$+$ $=$

$-$ $=$

$-$ $=$

2.



$+$ $=$

$+$ $=$

$-$ $=$

$-$ $=$

3. There are 8 apples on one tree.
There are 7 apples on another tree.
How many apples are there in all?

_____ apples

4. Sam has 7 toy trucks in one box. He has one less than that number in another box. How many toy trucks does he have in all?



_____ toy trucks

Vocabulary Check



Circle the correct answer.

5. Which group shows a **fact family**?

$2 + 3 = 5$

$1 + 4 = 5$

$2 + 1 = 3$

$3 + 2 = 5$

$1 + 5 = 6$

$2 + 2 = 4$

$5 - 3 = 2$

$1 + 7 = 8$

$2 + 3 = 5$

$5 - 2 = 3$

$1 + 8 = 9$

$2 + 4 = 6$



Math at Home Have your child write the fact family for the numbers 6, 7, and 13.

My Homework

Lesson 13

Two-Step Word Problems

Homework Helper



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Tony bought 3 items for lunch. Delia bought 3 items for lunch. Sally had 4 items for lunch. How many items did they have in all?

$$\begin{array}{r}
 \boxed{3} \\
 + \boxed{3} \\
 \hline
 \boxed{6}
 \end{array}
 +
 \begin{array}{r}
 \boxed{6} \\
 + \boxed{4} \\
 \hline
 \boxed{10}
 \end{array}
 =
 \boxed{10} \text{ items}$$

Practice

Solve each two-step word problem.

- Camden has 3 marbles in his pocket. He finds 8 more. He gives 4 marbles to Jen. How many marbles does Camden have now?

_____ marbles

- Alexis collected 6 rocks. She already had 9 rocks. She lost 3 rocks. How many rocks does Alexis have now?

_____ rocks

Solve each two-step word problem.

3. 9 geese landed in the yard. 8 of the geese flew away. Then 3 more geese landed in the yard. How many geese are in the yard now?

_____ geese

4. Sheila had 15 cards to mail to her friends. She forgot to mail 2 of them. 6 of them got lost in the mail. How many cards were delivered?

_____ cards

5. Gia got 4 books from the library yesterday. She got 5 books today. She returned 3 books. How many library books does Gia have now?

_____ books

Test Practice

6. There are 7 horses on the farm. There are also 9 pigs. 2 of the pigs were sent to another farm. How many animals are on the farm now?

18



14



7



5



Math at Home Tell a two-step number story to your child. Have him or her use pennies to show you the steps they use to solve it.



Fluency Practice

Subtract.

1. $8 - 1 =$ _____

2. $16 - 7 =$ _____

3. $8 - 3 =$ _____

4. $11 - 5 =$ _____

5. $7 - 5 =$ _____

6. $12 - 4 =$ _____

7. $8 - 5 =$ _____

8. $17 - 8 =$ _____

9. $7 - 4 =$ _____

10. $12 - 8 =$ _____

11. $5 - 3 =$ _____

12. $15 - 6 =$ _____

13. $16 - 9 =$ _____

14. $15 - 8 =$ _____

15. $14 - 7 =$ _____

16. $8 - 4 =$ _____

17. $7 - 3 =$ _____

18. $9 - 4 =$ _____

19. $16 - 8 =$ _____

20. $18 - 9 =$ _____

21. $13 - 6 =$ _____

22. $17 - 8 =$ _____

23. $17 - 9 =$ _____

24. $9 - 5 =$ _____

Name _____

↓
Mathematical
PRACTICE

Fluency Practice

Add.

1. $1 + 8 =$ _____

2. $9 + 7 =$ _____

3. $3 + 8 =$ _____

4. $6 + 5 =$ _____

5. $7 + 5 =$ _____

6. $8 + 4 =$ _____

7. $8 + 5 =$ _____

8. $8 + 8 =$ _____

9. $7 + 4 =$ _____

10. $4 + 8 =$ _____

11. $3 + 5 =$ _____

12. $6 + 8 =$ _____

13. $7 + 9 =$ _____

14. $7 + 8 =$ _____

15. $7 + 7 =$ _____

16. $4 + 4 =$ _____

17. $4 + 3 =$ _____

18. $5 + 4 =$ _____

19. $8 + 8 =$ _____

20. $9 + 9 =$ _____

21. $7 + 6 =$ _____

22. $9 + 8 =$ _____

23. $8 + 9 =$ _____

24. $5 + 9 =$ _____



No monkey
business!