

PRE-TEST
14

Mental Math Strategies

Vocabulary

Fill in the blanks.

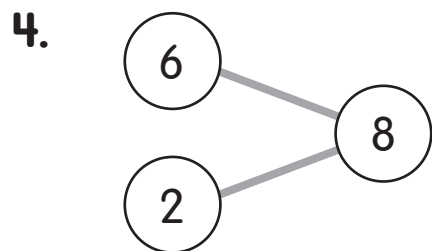
Use the words in the box.

- 7 and 3 _____ 10.
- $5 + 5$ and $8 + 8$ are _____.
- We can _____ 12 ones into 1 ten and 2 ones.

doubles facts
regroup
make

Concepts and Skills

Complete the fact family.



$$6 + 2 = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

Name: _____

Date: _____

Add or subtract.

5. $5 + 9 =$ _____

6. $21 + 5 =$ _____

7. $23 - 6 =$ _____

8. $31 - 5 =$ _____

Problem Solving

Solve.

9. Kelly has 25 story books.
Her friend gives her 6 more story books.
How many story books does Kelly have now?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

Kelly has _____ story books now.

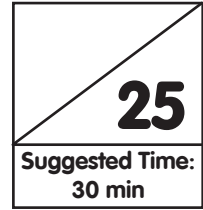
10. Jason sells 17 packets of greeting cards.
He has 12 packets left.
How many packets did he start with?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

Jason started with _____ packets.



Mental Math Strategies



Multiple Choice

(5 x 2 points = 10 points)

Add or subtract.

Use mental math.

Fill in the circle next to the correct answer.

1. What is $8 + 9$?

(A) 5

(B) 7

(C) 15

(D) 17

2. What is $20 + 17$?

(A) 3

(B) 27

(C) 30

(D) 37

3. What is $16 - 7$?

(A) 1

(B) 9

(C) 10

(D) 11

4. What is $38 - 6$?

(A) 22

(B) 30

(C) 32

(D) 36

5. What is $27 - 10$?

(A) 7

(B) 12

(C) 13

(D) 17

Name: _____

Date: _____

Short Answer

(5 x 2 points = 10 points)

Add or subtract.

Use mental math.

6. $21 + 8 =$ _____

7. $35 + 3 =$ _____

8. $18 + 20 =$ _____

9. $26 - 4 =$ _____

10. $39 - 20 =$ _____

Extended Response

(Question 11: 2 points, Question 12: 3 points)

Solve.

Use mental math.

11. Lucy has 19 flowers.
Her friend gives her 10 more flowers.
How many flowers does Lucy have in all?

Lucy has _____ flowers in all.

Name: _____

Date: _____

- 12.** A pond has 26 ducks.
Some ducks fly away.
5 ducks are left at the pond.
How many ducks flew away?

_____ ducks flew away.