Name _____ R 11

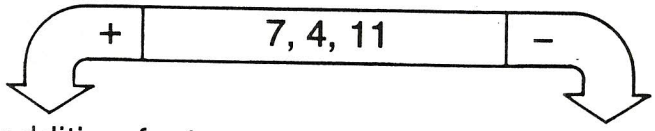
Use with text pages 22–23.

2.9

Fact Families

Most fact families have four facts:

Two *addition* facts
Two *subtraction* facts
Fact families use the *same three numbers*.



two addition facts

$7 + 4 = 11$
$4 + 7 = 11$

The addition facts *end* with the greatest number.

two subtraction facts

$11 - 7 = 4$
$11 - 4 = 7$

The subtraction facts *start* with the greatest number.

Complete each fact family.

1. + 5, 9, 14 –

$5 + 9 = \square$

$9 + \square = 14$

$14 - 9 = \square$

$14 - \square = 9$

2. + 7, 5, 12 –

$7 + 5 = \square$

$\square + 7 = 12$

$\square - 7 = 5$

$\square - 5 = 7$

3. + 7, 8, 15 –

$\square + \square = 15$

$\square + \square = 15$

$15 - \square = \square$

$15 - \square = \square$

4. + 3, 8, 11 –

$\square + \square = 11$

$\square + \square = \square$

$\square - 8 = \square$

$\square - 3 = \square$

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Name _____

Practice 4-2

Fact Families 2.9

Complete each fact family. Add or subtract

1. $4 + 9 =$ ____
   $9 + 4 =$ ____
   $13 - 9 =$ ____
   $13 - 4 =$ ____

2. $7 + 9 =$ ____
   $9 + 7 =$ ____
   $16 - 9 =$ ____
   $16 - 7 =$ ____

3. $8 + 9 =$ ____
   $9 + 8 =$ ____
   $17 - 9 =$ ____
   $17 - 8 =$ ____

4. $9 + 6 =$ ____
   $6 + 9 =$ ____
   $15 - 6 =$ ____
   $15 - 9 =$ ____

5. $8 + 8$ $\quad$ $16 - 8$

6. $6 + 6$ $\quad$ $12 - 6$

Problem Solving Critical Thinking

Write two different fact families using the number 11.

__ + __ = 11
__ + __ = 11
11 − __ = __
11 − __ = __

11 + __ = __
11 + __ = __
__ − __ = __
__ − __ = __

Notes for Home Your child added and subtracted using fact families. *Home Activity:* Ask your child to explain why he or she can write only two number facts using 6 and 12. (Possible answer: A fact family with doubles has only 2 facts; others have four.)

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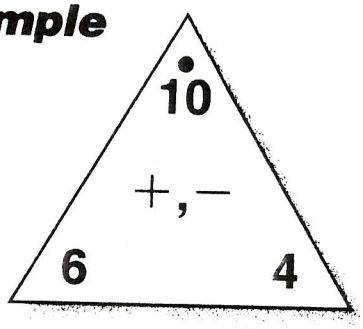
Name M2.9 Date Time

Practice Set 12

Write the fact family for the Fact Triangle.

Example



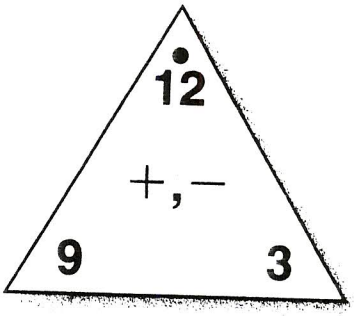
6 + 4 = 10

4 + 6 = 10

10 − 6 = 4

10 − 4 = 6

1.



___ + ___ = ___

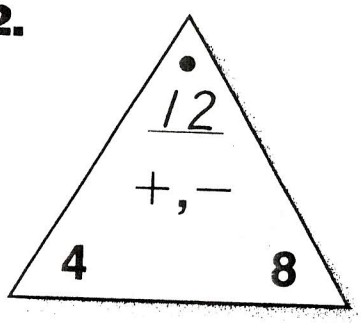
___ + ___ = ___

___ − ___ = ___

___ − ___ = ___

Write the missing number in the triangle. Then write the fact family.

2.



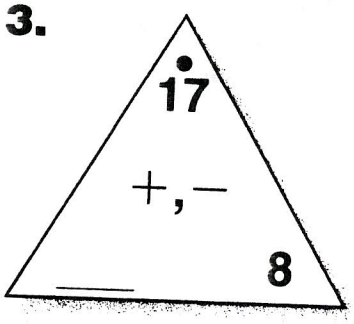
_____

_____

_____

_____

3.



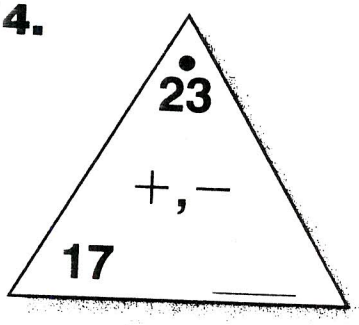
_____

_____

_____

_____

4.



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