Name _____

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Focus on
• Translating and Writing Word Problems

Teacher Notes:

- Introduce Hint #10 "Word Problem Cues, Part 1."
- Review "Word Problem Keywords" on page 6 in the *Student Reference Guide*.
- Review Reference Chart "Word Problem Keywords."

- Combine → **Add.**

Example

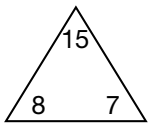
- Example of a story about **combining:**

  a. The troop hiked 8 miles in the morning.

  b. The troop hiked 7 miles in the afternoon.

  c. Altogether, the troop hiked 15 miles.

Use an addition and subtraction facts triangle.



1. **Formulate** **Write a question** that asks for the number in **a.**

   How many miles did the troop hike in _____?

2. **Formulate** **Write a question** that asks for the number in **b.**

   How many miles did the troop hike in _____?

3. **Formulate** **Write a question** that asks for the number in **c.**

   Altogether, how many miles _____?

- Separate → **Subtract.**

Example

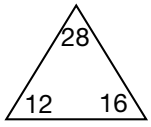
- Example of a story about **separating:**

  d. Jack went to the store with $28.

  e. Jack spent $12 at the store.

  f. Jack left the store with $16.

Use an addition and subtraction facts triangle.



4. **Formulate** **Write a question** that asks for the number in **d.**

How much money did Jack have when he _____

_____?

5. **Formulate** **Write a question** that asks for the number in **e.**

How much money did Jack _____

_____?

6. **Formulate** **Write a question** that asks for the number in **f.**

How much money did Jack have when he _____

_____?

- Equal groups ⟶ **Multiply** or **divide.**

  Number **in** each group × number **of** groups = **total** number in all groups.

Example

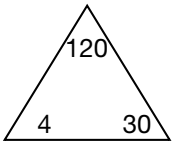
- Example of an **equal groups** story:

  g. At Lincoln School there are 4 classes of fifth-grade students.

  h. There are 30 students in each fifth-grade class.

  i. Altogether, there are 120 fifth-grade students in Lincoln School.

Use a multiplication and division facts triangle.



7. **Formulate** **Write a question** that asks for the number in **g.**

   How many classes of fifth-grade students are there at _____?

8. **Formulate** **Write a question** that asks for the number in **h.**

   How many students are in each _____ _____?

9. **Formulate** **Write a question** that asks for the number in **i.**

Altogether, how many _____

_____?

- Compare → **Subtract.**

  Larger group − **smaller** group = **difference**.

Example

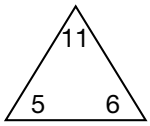
- Example of a story about **comparing:**

  j. Abe is 5 years old.

  k. Gabe is 11 years old.

  l. Gabe is 6 years older than Abe.

Use an addition and subtraction facts triangle.



10. **Formulate** **Write a question** that asks for the number in **j**.

How old is _____ ?

11. **Formulate** **Write a question** that asks for the number in **k.**

How old is _____?

12. **Formulate** **Write TWO questions** that ask for the number in **l.**

Gabe is how much _____

_____?

Abe is how much _____

_____?

Activity page 63

Writing Word Problems

- This activity is optional.