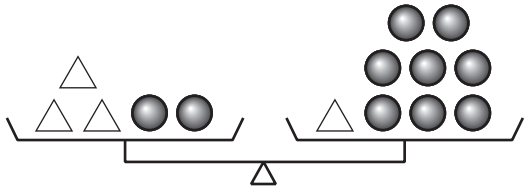
Name Date Time

STUDY LINK 10•2

Pan-Balance Problems

In each figure below, the two pans are in perfect balance. Solve these pan-balance problems.

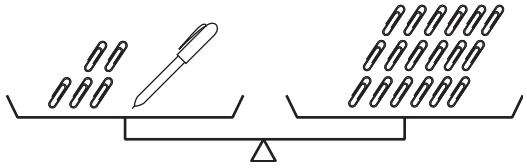
1.



One triangle weighs

as much as _____ balls.

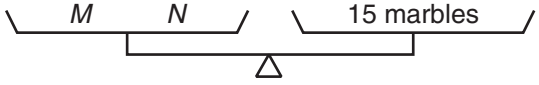
2.



One pen weighs

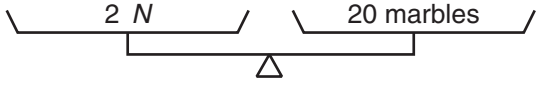
as much as _____ paper clips.

3.



M weighs

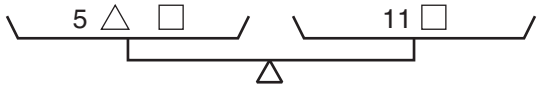
as much as _____ marbles.



N weighs

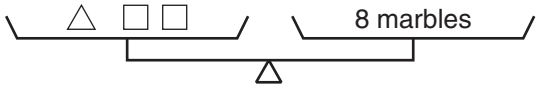
as much as _____ marbles.

4.



One △ weighs

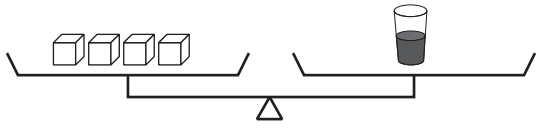
as much as _____ □s.



One □ weighs

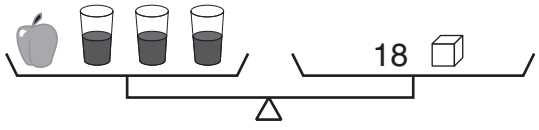
as much as _____ marbles.

5.



One cup of juice weighs

as much as _____ blocks.



One apple weighs

as much as _____ blocks.

Practice

Fill in the missing numbers to make true sentences.

6. _____ = (7 + 45) / 2

7. ((28 / 7) + 12) / 8 = _____

8. ((14 * 3) + 14) − 6 = _____

9. _____ = (3 − 3) * ((34 / 2) * 115)

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