Math 3, Classwork 10

WARM-UP

1. Insert missing numbers. Calculate a value of each expression.

$3 \times 4 = 3 \times (3+1) = 3 \times 3 + 3 \times 1 = 9 + 3 = 12$

$2 \times 9 = 2 \times (4 + 5) = 2 \times 4 +$ ____ $\times$ ____ = _____

$4 \times 12 = 4 \times (10 + 2) = 4 \times 10 +$ ____ $\times$ ____ = _____

$8 \times 15 = 8 \times (10 + 5) =$ ____ $\times$ ____ + ____ $\times$ ____ = _____

2. 1m = _____ dm = _____ cm

$1m^2$ = _____ dm^2 = _____ cm^2

3. Rectangle ABCD is divided into 4 rectangles. Perimeters of 3 rectangles are known and provided on the drawing below. Find the perimeter of the rectangle ABCD if the the 4th rectangle is a square.

B C

P=8 cm	P=18 cm
	P=14 cm

A D

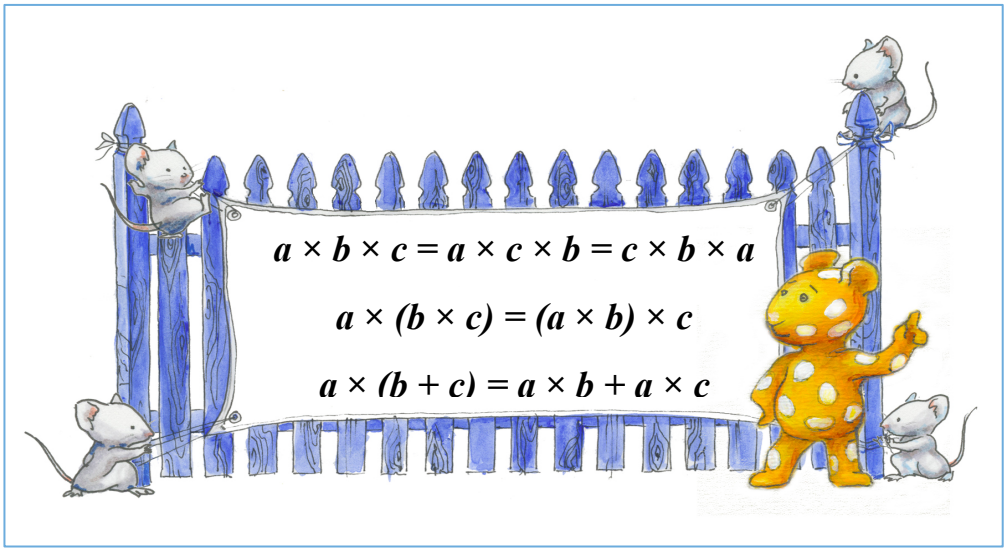
_____

_____

_____

_____

REVIEW I



4. Two teams of 3rd graders were planting trees in the schoolyard. Each team has planted 6 oak trees and 3 pine trees. How many trees did 3rd graders plant? Solve this problem using two methods.

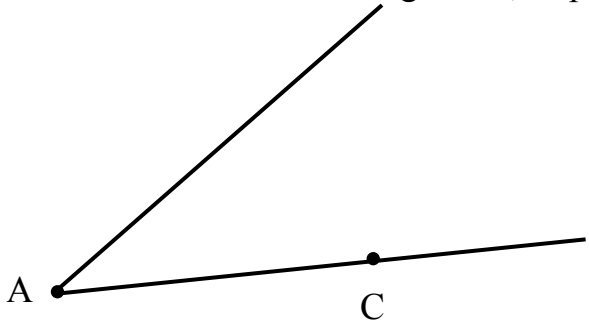
_____

_____

Area and units of area

Area is a measure of how much surface is covered by a particular object or figure. The square with a unit side is used as a unit of measure for area.

5. What is the area in sq. cm of a table, which is 2m long and 7dm wide?

A = _____

6. Use a compass to find a point B on the other side of the angle so that the point B is at the same distance from the vertex of the angle – A, as point C is.