

WARM-UP

1.

a) Skip-count by 10s from 10 to 200: _____

b) Skip-count by 5s from 5 to 50: _____

2.

Find a TRUE statement among the following statements:

_____ Bears fly

_____ Birds fly

_____ Frogs fly

_____ Sparrows fly



3.

Calculate. Explain your strategy.

$47 + 20 = \underline{\quad}$

$34 + 40 = \underline{\quad}$

$45 + 30 = \underline{\quad}$

$47 + 3 = \underline{\quad}$

$34 + 39 = \underline{\quad}$

$46 + 29 = \underline{\quad}$

$47 + 23 = \underline{\quad}$

$34 + 38 = \underline{\quad}$

$47 + 28 = \underline{\quad}$

$85 - 20 = \underline{\quad}$

$56 - 30 = \underline{\quad}$

$50 - 25 = \underline{\quad}$

$85 - 3 = \underline{\quad}$

$56 - 29 = \underline{\quad}$

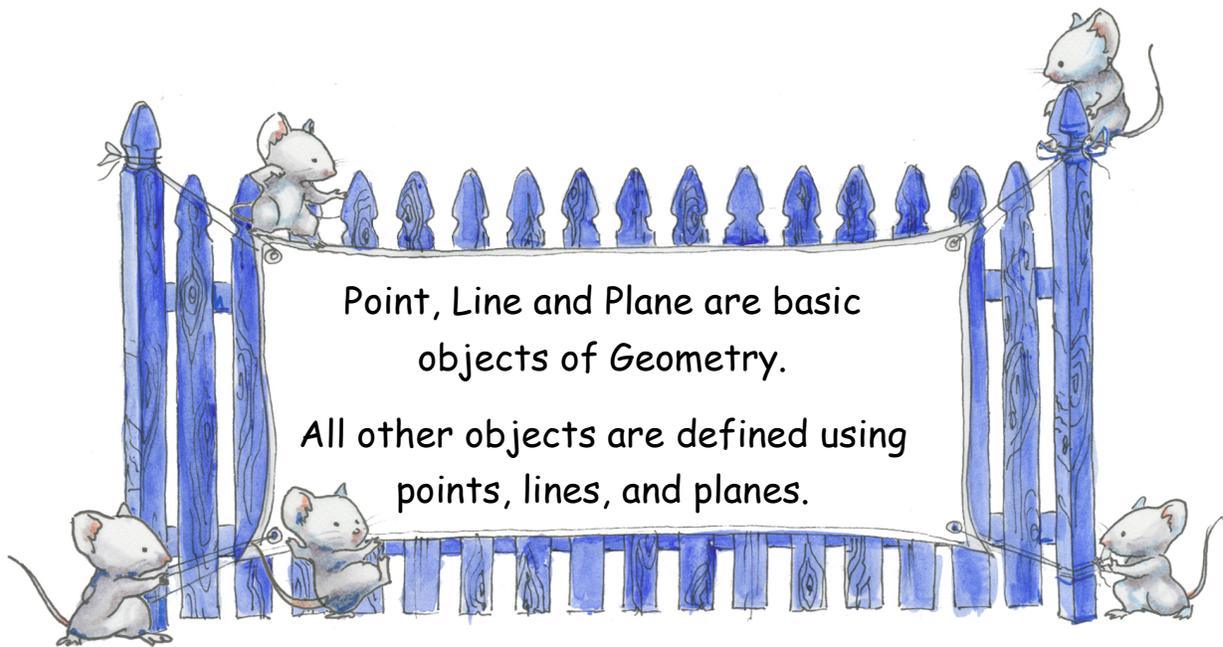
$51 - 26 = \underline{\quad}$

$85 - 23 = \underline{\quad}$

$56 - 28 = \underline{\quad}$

$49 - 24 = \underline{\quad}$

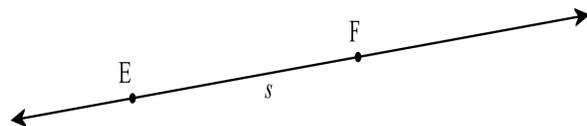
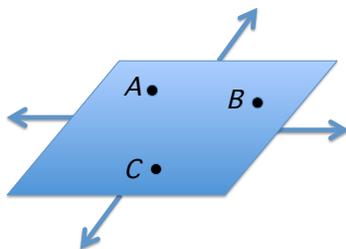
REVIEW



P •

This is a point P. We define a point as a location. Points do not have size. Points are named by capital letters.

A Plane is a flat surface. It extends infinitely in ALL directions. We label a Plane by one capital letter \mathcal{R} or by 3 points - A, B, C not lying on the same line.



This is a line EF. Line has no beginning point and no end point.

We label a Line by any 2 points on it \overleftrightarrow{EF} or by any lowercase letter: s

4.

Using a ruler draw lines going through points:

a) A and B

b) C and D

c) E and F

A •

B •

E •

D •

C •

F •

5.

In how many points can two distinct lines intersect?

Can 2 lines have more than one intersection point? Can you draw such lines below?

NEW MATERIAL

Equality

An equality says that two things are equal.

It will have an equals sign "=" for example:

$$10 + 10 = 5 + 15$$

6.

Make two expressions equal:

$17 + 12 = 20 + \square$

$37 + 19 = 40 + \square$

$79 + 24 = 80 + \square$

7.

For each equality find the unknown number and place it in the box.

$50 + \square = 100$

$40 + \square = 100$

$30 + \square = 100$

$35 + \square = 100$

$65 + \square = 100$

$15 + \square = 100$

8.

Find the unknown numbers.

$125 + 75 = ?$

$120 + 80 = ?$

$60 + 140 = ?$

$? =$

$? =$

$? =$

Let x be a *placeholder* for an unknown quantitySolve for x and check your answer:

9.

$63 + x = 96$

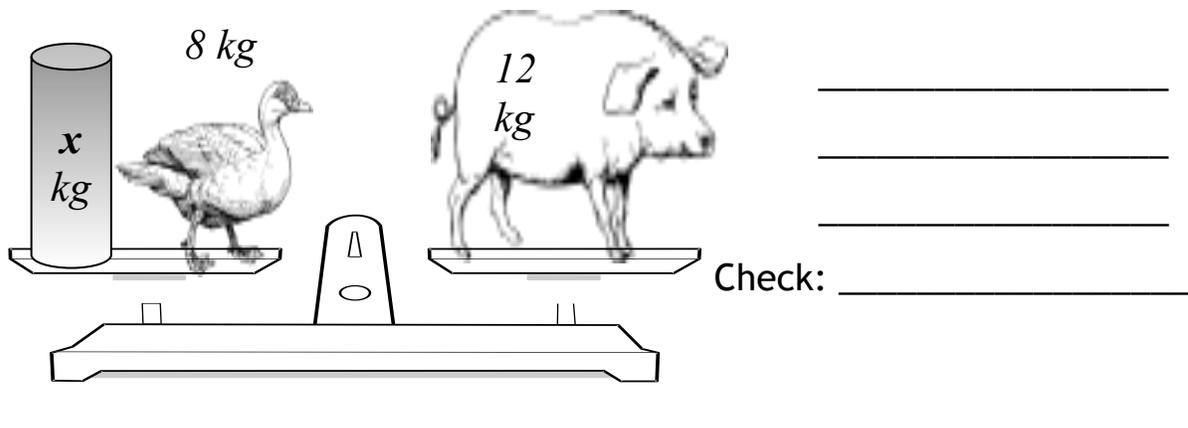
$x + 12 = 88$

$11 + 4 = 7 + x$

$x = \underline{\hspace{2cm}}$

Check: $\underline{\hspace{2cm}}$ $\underline{\hspace{2cm}}$ $\underline{\hspace{2cm}}$ An equality with x is called an *equation*.

10.

Write down an equation and find x .

Challenge yourself

11.

In the morning Tom had x apples. Then his Dad gave him 2 apples and Tom found out that he had 5 apples. How many apples did Tom have in the morning? Write down an equation and solve it.

Check:

12.

Amy had 10 candies. On the way to school she ate x candies. How many candies did Amy eat if when she came to school she had 6 candies? Write down an equation and solve it.

Check:
