

Homework # 25A

Due April 26th

1. Solve equations:

$$93 - X = 23$$

$$Y-27 = 123$$

$$14+Z=165$$

[illegible]

Solve equations:

2. $36 \div X = 4$

$$Y \div 4 = 32$$

$$56 \div Z = 8$$

[illegible]

3. Solve equations:

$$7 \times X = 21$$

$$Y \times 3 = 24$$

$$5 \times Z = 45$$

[illegible]

4.

Solve each expression using the correct order of operations (number the operation first):

$$25 \div 5 \times 8 + 4 \times 9 = \underline{\hspace{2cm}}$$

$$72 \div 8 \times 4 - 21 \div (7 - 4) = \underline{\hspace{2cm}}$$

$$8 \times 3 \div 6 \times 2 - (12 \div 6 + 4) = \underline{\hspace{2cm}}$$

$$12 \div 6 + 18 - (28 - 9 \times 2 + 2) = \underline{\hspace{2cm}}$$

$$100 - (36 \div 6 - 2 \times 3 + 4 \times 8) = \underline{\hspace{2cm}}$$

$$100 - 24 \div (6 - 2) \times 3 + 4 \times 8 = \underline{\hspace{2cm}}$$

5.

Expand the following by removing parentheses:

$$6(z + 3) = \underline{\hspace{2cm}}$$

$$4(6 - y) = \underline{\hspace{2cm}}$$

$$5(a + 8) = \underline{\hspace{2cm}}$$

$$9(3 - q) = \underline{\hspace{2cm}}$$

$$4(3z + 6) = \underline{\hspace{2cm}}$$

$$5(2 - 2y) = \underline{\hspace{2cm}}$$

$$7(3a + 3) = \underline{\hspace{2cm}}$$

$$7(6 - 6q) = \underline{\hspace{2cm}}$$

6.

Ben is jumping from one red dot to the next one (mark her stops with RED)

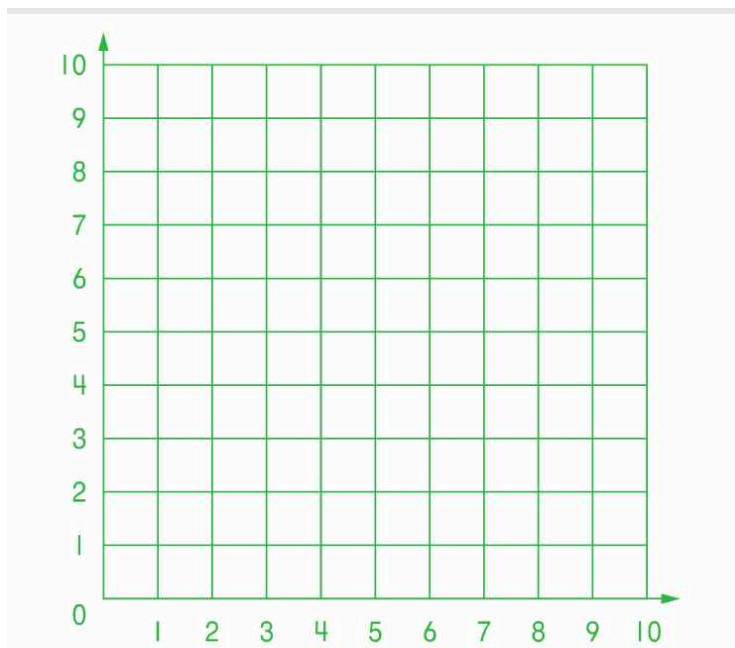
DINA's path: $A(1,5) \rightarrow B(7,5) \rightarrow C(4,8) \rightarrow D(10,10)$

BEN's path: $K(1,10) \rightarrow L(3,7) \rightarrow M(6,7) \rightarrow N(10,2)$

Can you figure out the longest jump ?

Who made it? _____

From what point to what point? _____



5.

a) DO YOU REMEMBER THE PROPERTIES OF **ADDITION**?

Write what each expression is equal to:

Commutative property: $a \times b =$ _____

Associative Property: $(a + b) + c =$ _____

b) DO YOU REMEMBER THE PROPERTIES OF **MULTIPLICATION**?

Commutative property: $a \times b =$ _____

Associative Property: $(a \times b) \times c =$ _____

Distributive property: $a \times (b + c) =$ _____

$a \times (b - c) =$ _____