

$$\text{Watermelon} + \text{Watermelon} + \text{Watermelon} = 36$$

$$\text{Watermelon} + \text{Orange} + \text{Orange} = 28$$

$$\text{Orange} - \text{Banana} = 3$$

$$\text{Orange} = ?$$

$$\text{Watermelon} = ?$$

$$\text{Banana} = ?$$



Answer key

$$\text{Cookie} + \text{Cake} \times \text{Cupcake} = 70$$

$$10 - \text{Cake} = \text{Cake}$$

$$\text{Cookie} \div \text{Cake} = 8$$



= ?

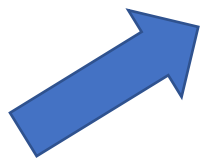


= ?



= ?

Answer key



$$\text{○} + \text{○} = 10$$

$$\text{○} \times \text{□} + \text{□} = 12$$

$$\text{○} \times \text{□} - \text{△} \times \text{○} = \text{○}$$

$$\text{○} = \quad \text{△} = ? \quad \text{□} =$$



MATHinkers!!!

$$48 = \text{teddy bear} + \text{balloon} + \text{teddy bear}$$

_____ **is grrreat!!!**

Directions: Use this paper to create and draw a small version of your MATHinker to make sure it is correct. Please include what is listed below...

- 3 different shapes or drawings – cut them out together to be the same size or trace the original shape
- Same shapes need to be the same color and value (choose 3 colors)
- Use each math operation at least once + , - , x , ÷
- 3 math equations using positive and negative integers
- Use at least one square root
- Use at least one exponent
- Put answer key on this sheet **ONLY NOT** on your project



Once it is correct on this paper, use construction paper or any color paper to create your final MATHinker project. Turn in this paper + your final MATHinker. Have fun x fun mathinking!!!



$$\text{burger} + \text{drink} + \text{fries} = 58$$

$$1 \times \text{burger} = \text{fries}$$

$$\text{drink} \times \text{drink} = 64$$

$$\text{burger} = ?$$

$$\text{drink} = ?$$

$$\text{fries} = ?$$