



MATH IP # 2

SIMPLIFY THE ALGEBRAIC EXPRESSIONS

1) $10f - 8f = \underline{\hspace{2cm}}$

6) $x + x + x + 5x = \underline{\hspace{2cm}}$

2) $10k - k = \underline{\hspace{2cm}}$

7) $4y + 4y + 4y = \underline{\hspace{2cm}}$

3) $9a - 8a - a = \underline{\hspace{2cm}}$

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

4) $8b - b - b - b = \underline{\hspace{2cm}}$

9) $10e - 8e + 3e - 5e = \underline{\hspace{2cm}}$

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

10) $5g + 2g - 4g - 2g = \underline{\hspace{2cm}}$

EVALUATE THE ALGEBRAIC EXPRESSIONS

For $m = 5$

For $n = 8$

For $p = 7$

$9m \div 15$

$8n - 14$

$7p + 10$

$9(\underline{\hspace{1cm}}) \div 15$

$8(\underline{\hspace{1cm}}) - 14$

$7(\underline{\hspace{1cm}}) + 10$

$\underline{\hspace{2cm}} \div 15$

$\underline{\hspace{2cm}} - 14$

$\underline{\hspace{2cm}} + 10$

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

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

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





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EVALUATE AND COMPARE THE ALGEBRAIC EXPRESSIONS

For $x = 4$

$$4x - 6 \bigcirc 2x + 2$$

$$4(_) - 6 \bigcirc 2(_) + 2$$

$$_ - 6 \bigcirc _ + 2$$

$$_ \bigcirc _$$

For $y = 9$

$$6y - 4 \bigcirc 3y + 3$$

$$6(_) - 4 \bigcirc 3(_) + 3$$

$$_ - 6 \bigcirc _ + 3$$

$$_ \bigcirc _$$

SOLVE THE EQUATIONS

$$12a + 15 = 63$$

$$12a = 63 - _$$

$$12a = _$$

$$a = _$$

$$a = _$$

$$9b - 13 = 41$$

$$9b = 41 + _$$

$$9b = _$$

$$b = _$$

$$b = _$$

