

Name : _____

Adding Monomials

Multi-variable: L2S4

Add the monomials.

1) $-2a^4b$, $-\frac{5}{7}a^4b$

2) $23u^3v^4$, $14u^3v^4w$

3) $-\frac{1}{6}r^3st$, r^3

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5) $\frac{2}{5}pq^5$, $\frac{1}{5}p$

7) $\frac{1}{4}mn^2$, $-\frac{3}{2}$

9) $-10tuv$, $10tuv$

10) $\frac{5}{7}qr$, $-\frac{3}{7}qr$

Name : _____

Answer key

Adding Monomials

Multi-variable: L2S4

Add the monomials.

1) $-2a^4b$, $-\frac{5}{7}a^4b$

$$-\frac{19}{7}a^4b = -2\frac{5}{7}a^4b$$

2) $23u^3v^4$, $14u^3v^4w$

$$14u^3v^4w + 23u^3v^4$$

3) $-\frac{1}{6}r^3st$, r^3st

$$\frac{5}{6}r^3st$$

5) $\frac{2}{5}pq^5$, $\frac{1}{5}pq^5$

$$\frac{2}{5}pq^5 + \frac{1}{5}pq^5$$

7) $\frac{1}{4}mn^2$, $-\frac{3}{4}mn^2$

$$-\frac{2}{4}mn^2 = -\frac{1}{2}mn^2$$

$$\frac{1}{9}r^3s^3t^2 = 1\frac{8}{9}r^3s^3t^2$$

9) $-10tuv$, $10tuv$

$$0$$

10) $\frac{5}{7}qr$, $-\frac{3}{7}qr$

$$\frac{2}{7}qr$$

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