

Name : \_\_\_\_\_

## Subtracting Monomials

Single-variable: L2S1

Subtract the monomials.

1)  $\frac{7}{8}p - \frac{1}{4}p$

2)  $\left(-\frac{3}{5}k^2\right) - \left(-\frac{2}{5}k^6\right)$

3)  $\frac{5}{6}m^4 - (-m^3)$

4)  $\frac{3}{4}u^3 - \frac{1}{4}u^3$

5)  $(-9x^2) - (-10x^2)$

6)  $(-2w^5) - \frac{2}{3}w^5$

7)  $(-2n^6) - \frac{1}{6}n^6$

8)  $3g - \left(-\frac{1}{2}g\right)$

9)  $\left(-\frac{3}{7}s^3\right) - \left(-\frac{2}{7}s^3\right)$

10)  $\frac{2}{9}t^2 - 2t^2$

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## Answer key

### Subtracting Monomials

Single-variable: L2S1

Subtract the monomials.

1)  $\frac{7}{8}p - \frac{1}{4}p$

$\frac{5}{8}p$

2)  $\left(-\frac{3}{5}k^2\right) - \left(-\frac{2}{5}k^6\right)$

$\frac{2}{5}k^6 - \frac{3}{5}k^2$

3)  $\frac{5}{6}m^4 - (-m^3)$

$\frac{5}{6}m^4 + m^3$

4)  $\frac{3}{4}u^3 - \frac{1}{4}u^3$

$\frac{2}{4}u^3 = \frac{1}{2}u^3$

5)  $(-9x^2) - (-10x^2)$

$x^2$

6)  $(-2w^5) - \frac{2}{3}w^5$

$-\frac{8}{3}w^5 = -2\frac{2}{3}w^5$

7)  $(-2n^6) - \frac{1}{6}n^6$

$-\frac{13}{6}n^6 = -2\frac{1}{6}n^6$

8)  $3g - \left(-\frac{1}{2}g\right)$

$\frac{7}{2}g = 3\frac{1}{2}g$

9)  $\left(-\frac{3}{7}s^3\right) - \left(-\frac{2}{7}s^3\right)$

$-\frac{1}{7}s^3$

10)  $\frac{2}{9}t^2 - 2t^2$

$-\frac{16}{9}t^2 = -1\frac{7}{9}t^2$