

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

## Rearranging Equations

T2ES2

1) Solve  $-28p - 37 = 12p - s$  for  $s$ .

2) Solve  $1 = \frac{q}{h + 9}$  for  $q$ .

3) Solve  $\frac{c}{q} = 35b^2$  for  $c$ .

4) Solve  $2y = -27 + x$  for  $y$ .

5) Solve  $10u + 13v = 16 + n$  for  $n$ .

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$= 16 + n$  for  $n$ .

7) Solve  $x + 6 = z + s$  for  $t$ .

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$+ s = 0$  for  $t$ .

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9) Solve  $11g - 15h = k$  for  $g$ .

10) Solve  $-2 = 5v - w$  for  $v$ .

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## Answer key

### Rearranging Equations

T2ES2

1) Solve  $-28p - 37 = 12p - s$  for  $s$ .

$$s = 40p + 37$$

2) Solve  $1 = \frac{q}{h + 9}$  for  $q$ .

$$q = h + 9$$

3) Solve  $\frac{c}{q} = 35b^2$  for  $c$ .

$$c = 35b^2q$$

4) Solve  $2y = -27 + x$  for  $y$ .

5) Solve  $10u + 13d = 16 + n$  for  $n$ .

$$u = \frac{13d}{11}$$

7) Solve  $x + 6 = z + 7y$  for  $z$ .

$$z = x + 7y + 6$$

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9) Solve  $11g - 15h = k$  for  $g$ .

$$g = \frac{k + 15h}{11}$$

10) Solve  $-2 = 5v - w$  for  $v$ .

$$v = \frac{w - 2}{5}$$