

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

## Rearranging Equations

T1ES2

Make  $x$  as the subject in each problem.

1)  $v + 3x + 15 = 32$       2)  $\frac{5}{8}x = h$       3)  $0 = -19a - x + 1$

4)  $-px + 2r = 0$

# PREVIEW

$x + 4 = 7 + mn$

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7)  $ux = b$

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$29g = \frac{x}{q}$

10)  $2x - 9y = -4y + 7z$       11)  $a^2 = 22d + x$       12)  $4x = 3s$

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## Answer key

### Rearranging Equations

T1ES2

Make  $x$  as the subject in each problem.

1)  $v + 3x + 15 = 32$       2)  $\frac{5}{8}x = h$       3)  $0 = -19a - x + 1$

$$x = \frac{17 - v}{3}$$

$$x = \frac{8}{5}h$$

$$x = 1 - 19a$$

4)  $-px + 2r = 0$

$$x = \frac{2r}{p}$$

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$$x + 4 = 7 + mn$$

$$x = 3 + mn$$

7)  $ux = b$

$$x = \frac{b}{u}$$

$$29g = \frac{x}{q}$$

$$x = 29gq$$

10)  $2x - 9y = -4y + 7z$       11)  $a^2 = 22d + x$       12)  $4x = 3s$

$$x = \frac{5y + 7z}{2}$$

$$x = a^2 - 22d$$

$$x = \frac{3}{4}s$$