

Solve literal equations**Short Answer**

1. Solve for r . $d = rt$
2. Solve for h . $A = \frac{1}{2}bh$
3. Solve for w . $P = 2l + 2w$
4. Solve for h . $A = \left(\frac{b_1 + b_2}{2} \right) h$
5. Solve for r . $A = \pi r^2$
6. Solve for h . $S = \pi r(h + k)$
7. Solve for y . $xy = x + y$
8. Solve for z . $\frac{1}{x} + \frac{1}{y} + \frac{1}{z} = 1$

Solve literal equations

Answer Section

SHORT ANSWER

1. ANS:

$$r = \frac{d}{t}$$

PTS: 1

2. ANS:

$$h = \frac{2A}{b}$$

PTS: 1

3. ANS:

$$w = \frac{P}{2} - l$$

PTS: 1

4. ANS:

$$\frac{2A}{b_1 + b_2} = h$$

PTS: 1

5. ANS:

$$r = \sqrt{\frac{\pi}{A}}$$

PTS: 1

6. ANS:

$$h = \frac{S}{\pi r} - k$$

PTS: 1

7. ANS:

$$y = \frac{x}{x-1}$$

PTS: 1

8. ANS:

$$z = \frac{xy}{xy - y - x}$$

PTS: 1