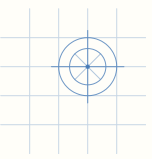


Rearranging formulas — One step

Name: _____

Date: _____



Rearrange each formula to make the named letter the subject.

① $E = mc^2$ for m
 $\frac{E}{c^2} = m$

② $P = 4s$ for s

③ $D = \frac{m}{V}$ for V

④ $W = Fd$ for d

⑤ $V = lwh$ for l

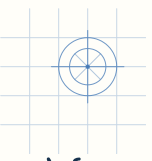
⑥ $C = 2\pi r$ for r

⑦ $I = Prt$ for P

⑧ $C = \pi d$ for d



Rearranging formulas · One step — Answer key



1. $E = mc^2$ (mass and energy), for $m \rightarrow m = E/c^2$

2. $P = 4s$ (perimeter of a square), for $s \rightarrow s = P/4$

3. $D = m/V$ (density), for $V \rightarrow V = m/D$

4. $W = Fd$ (work done), for $d \rightarrow d = W/F$

5. $V = lwh$ (volume of a box), for $l \rightarrow l = V/wh$

6. $C = 2\pi r$ (circumference of a circle), for $r \rightarrow r = C/2\pi$

7. $I = Prt$ (simple interest), for $P \rightarrow P = I/rt$

8. $C = \pi d$ (circumference from the diameter), for $d \rightarrow d = C/\pi$