

LITERAL EQUATIONS

Coloring Activity

Direction: Solve for the given variable. Color the correct option.

$T = m - n$, solve for n	$n = T + m$ BLUE	$n = m - T$ RED	$n = m + T$ GREEN	$n = T - m$ BROWN
$A = \frac{a + b}{2}$, solve for b	$b = \frac{a}{2A}$ BLUE	$b = 2A + a$ GREEN	$b = \frac{2A}{a}$ PURPLE	$b = 2A - a$ VIOLET
$A = \frac{1}{2}bh$, solve for b	$b = \frac{2A}{h}$ GREEN	$b = \frac{h}{2A}$ RED	$b = \frac{2h}{A}$ ORANGE	$b = 2A + h$ YELLOW
$s = r\theta$, solve for θ	$\theta = \frac{r}{s}$ BROWN	$\theta = \frac{s}{r}$ BLUE	$\theta = sr$ RED	$\theta = \frac{1}{sr}$ GREEN
$I = Prt$, solve for r	$r = \frac{Pt}{I}$ VIOLET	$r = PtI$ PURPLE	$r = \frac{I}{Pt}$ PINK	$r = \frac{P}{It}$ ORANGE
$E = mc^2$, solve for c	$\sqrt{\frac{E}{m}}$ YELLOW	$\sqrt{\frac{m}{E}}$ RED	$\frac{E}{m}$ BLUE	$\frac{m}{E}$ GREEN
$F = \frac{Gm_1m_2}{d^2}$, solve for G	$G = \frac{m_1m_2}{Fd^2}$ BROWN	$G = \frac{Fd^2}{m_1m_2}$ ORANGE	$G = \frac{F}{m_1m_2d}$ VIOLET	$G = \frac{m_1m_2d}{F}$ PURPLE
$d = rt$, solve for r	$r = d + t$ YELLOW	$r = dt$ BLUE	$r = \frac{t}{d}$ GREEN	$r = \frac{d}{t}$ RED
$v = lwh$, solve for w	$w = \frac{v}{lh}$ PINK	$w = \frac{v}{l}$ ORAGNE	$w = \frac{lh}{v}$ BROWN	$w = lhv$ BLUE
$v = \pi r^2h$, solve for h	$h = v\pi r^2$ RED	$h = \frac{\pi r^2}{v}$ GREEN	$h = \frac{v}{\pi r^2}$ VIOLET	$h = \pi r^2v$ PURPLE

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Answers

$T = m - n$, solve for n	$n = T + m$ BLUE	$n = m - T$ RED	$n = m + T$ GREEN	$n = T - m$ BROWN
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$F = \frac{Gm_1m_2}{d^2}$, solve for G	$G = \frac{m_1m_2}{Fd^2}$ BROWN	$G = \frac{Fd^2}{m_1m_2}$ ORANGE	$G = \frac{F}{m_1m_2d}$ VIOLET	$G = \frac{m_1m_2d}{F}$ PURPLE
$d = rt$, solve for r	$r = d + t$ YELLOW	$r = dt$ BLUE	$r = \frac{t}{d}$ GREEN	$r = \frac{d}{t}$ RED
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$v = \pi r^2h$, solve for h	$h = v\pi r^2$ RED	$h = \frac{\pi r^2}{v}$ GREEN	$h = \frac{v}{\pi r^2}$ VIOLET	$h = \pi r^2v$ PURPLE