# Solving Multiplication and Division Equations

Find the multiplicative inverse.

1) $6 \rightarrow \boxed{\frac{1}{6}}$ 2) $3\frac{2}{3} = \frac{11}{3} \rightarrow \boxed{\frac{3}{11}}$

Solve each equation.

1) $\frac{X}{7} = 4$

$7 \cdot \frac{X}{7} = 4 \cdot 7$

$\boxed{X = 28}$

2) $\frac{M}{8} = -\frac{3}{4}$

$\frac{8}{1} \cdot \frac{M}{8} = -\frac{3}{4} \cdot \frac{8}{1}$

$\boxed{M = -6}$

3) $\frac{2}{3}C = \frac{8}{11}$

$\frac{3}{2} \cdot \frac{2}{3}C = \frac{4}{11} \cdot \frac{3}{2}$

$C = \frac{12}{11} = \boxed{1\frac{1}{11}}$

4) $\frac{7}{10}b = 2\frac{1}{3}$

$\frac{10}{7} \cdot \frac{7}{10}b = \frac{7}{3} \cdot \frac{10}{7}$

$b = \frac{10}{3} = \boxed{3\frac{1}{3}}$