






Relating Fractions and Percentages to Amounts

Fractions and Percentages using Bar Models

Use the bar models to demonstrate your thinking for these questions.

	Find $\frac{1}{7}$ of 35
	Find $\frac{3}{5}$ of 45
	Find 40% of 70
	Find $\frac{3}{10}$ of 81
	Find 70% of 120

Fractions and Percentages using Number Lines

Use the Number lines to demonstrate your think for these questions.

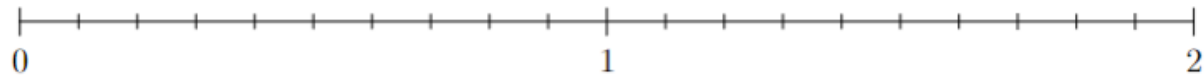
Find $\frac{2}{3}$ of 15



Find $\frac{4}{7}$ of 35



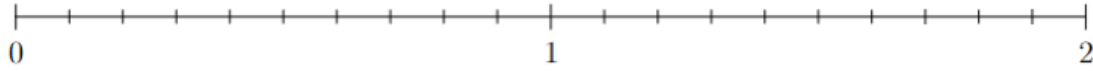
Find 70% of 2



Find 45% of 60



Find $\frac{7}{3}$ of 0.9



Find 160% of $\frac{5}{8}$



Find $\frac{5}{6}$ of $\frac{3}{4}$



Find $\frac{3}{4}$ of $\frac{5}{6}$



Fractions and Percentages using Proportion Tables

Use Proportion Tables to demonstrate your thinking for these questions.

<table border="1"><thead><tr><th>Value</th><th>Proportion</th></tr></thead><tbody><tr><td>54</td><td>1</td></tr><tr><td></td><td>$\frac{1}{9}$</td></tr></tbody></table>	Value	Proportion	54	1		$\frac{1}{9}$	Find $\frac{1}{9}$ of 54
Value	Proportion						
54	1						
	$\frac{1}{9}$						
<table border="1"><thead><tr><th>Value</th><th>Proportion</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	Value	Proportion			Find $\frac{5}{12}$ of 48		
Value	Proportion						
<table border="1"><thead><tr><th>Value</th><th>Proportion</th></tr></thead><tbody><tr><td>120</td><td>100%</td></tr></tbody></table>	Value	Proportion	120	100%	Find 60% of 120		
Value	Proportion						
120	100%						

<table border="1"><thead><tr><th>Value</th><th>Proportion</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	Value	Proportion			Find $\frac{8}{3}$ of 36
Value	Proportion				
<table border="1"><thead><tr><th>Value</th><th>Proportion</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	Value	Proportion			Find 40% of 0.12
Value	Proportion				
<table border="1"><thead><tr><th>Value</th><th>Proportion</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>	Value	Proportion			Find $\frac{6}{7}$ of 3.5
Value	Proportion				

Value	Proportion	Find 35% of 16
Value	Proportion	Find $\frac{3}{5}$ of $\frac{10}{11}$
Value	Proportion	Find 80% of $\frac{1}{2}$

Value	Proportion	Find $\frac{7}{4}$ of $\frac{3}{7}$
Value	Proportion	55% of 115
Value	Proportion	115% of 55