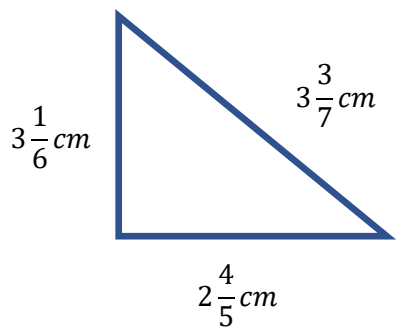


Skills mix up – Fractions

Skill	One	Mix one	Mix two	Mega mix
Fraction of an amount	Work out $\frac{5}{7}$ of 35	The average age of teachers at a school is 39 years. Mr Craven's age is $\frac{15}{13}$ of the average. How old is Mr Craven?	George is 1.5m tall. Hamas is $\frac{2}{25}$ taller than George. Write Hamas' height as a fraction of George's height. Simplify your answer.	 <p>a) Work out the area of the triangle</p> <p>b) Work out the Perimeter of the triangle</p> <p>c) What is the largest length as a fraction of the shortest length?</p> <p>d) What is the difference between the largest and shortest length?</p>
Fraction convert	Write $\frac{3}{8}$ as a decimal.	Write $\frac{5}{7}$ as a decimal. (3 significant figures)	Write $\frac{9}{5}$ as a percentage.	
Equivalent fraction	Simplify $\frac{64}{48}$	$\frac{3}{9} = \frac{10}{?}$	Put the fractions in ascending order $\frac{4}{3}, \frac{5}{6}, \frac{3}{2}, \frac{4}{5}, \frac{9}{10}$	
Multiply fractions	$\frac{4}{7} \times \frac{12}{13}$	Work out $(\frac{5}{6})^3$	Sienna is $5\frac{4}{7}$ years old. Jack is $\frac{7}{8}$ of Sienna's age. How old is Jack in years? Give your answer as a mixed number.	
Dividing fractions	$\frac{3}{9} \div \frac{8}{11} \div \frac{1}{2}$	Work out $-2\frac{3}{5} \div -1\frac{8}{15}$	A tanker is $\frac{3}{7}$ full. A truck is used to fill it which can hold $\frac{2}{17}$ of the tanker's full capacity. How many trucks are required to fill the tanker? Give your answer as a mixed number.	
Adding fractions	$\frac{4}{7} + \frac{12}{13}$	Work out $\frac{x}{9} + \frac{x}{7}$	$A = \frac{3}{14}, B = \frac{4}{7}$. Work out the value of $B + 2A$	
Subtracting fractions	$\frac{18}{7} - \frac{3}{4} - \frac{1}{3}$	Work out $\frac{3}{x} - \frac{5}{2x^2}$	The range of a set of numbers is $4\frac{3}{11}$ and the largest number is $7\frac{2}{9}$. Work out the smallest number.	
Reverse fraction	$\frac{2}{7}$ of a number is 16. Work out the number.	A shirt is reduced by $\frac{1}{5}$ to £24. Work out the original price.	A glass is $\frac{1}{3}$ full. Then 63cm^3 of orange juice is poured in. The glass is now $\frac{5}{8}$ full. What is the total volume of the glass?	