

# PERCENTAGE OF AN AMOUNT

## SPECIAL PERCENTAGES

10%	→	$\frac{1}{10}$	50%	→	$\frac{1}{2}$
20%	→	$\frac{1}{5}$	75%	→	$\frac{3}{4}$
25%	→	$\frac{1}{4}$	100%	→	1
$33\frac{1}{3}\%$	→	$\frac{1}{3}$	$66\frac{2}{3}\%$	→	$\frac{2}{3}$



We can easily work out percentages that are multiples of 10% or even 5% using 10% as a starting point.

QUESTIONS

1) 10% of 34

2) 75% of 49.2

ANSWERS

1) 10% of 34  
 $= \frac{1}{10}$  of 34  
 $= \frac{34}{10}$   
 $= 3.4$

2) 75% of 49.2  
 $= \frac{3}{4}$  of 49.2  
 $= \frac{49.2}{4} \times 3$   
 $= 36.9$

**SUCCESS CRITERIA/STEPS**

**I CAN:**

a	copy/interpret the question.	
b	recognise a special percentage and write it as a fraction.	
c	Divide by the bottom of the fraction	
d	multiply by the top of the fraction ( $\frac{2}{3}$ and $\frac{3}{4}$ only)	

QUESTIONS

1) 30% of 450

2) 35% of 450

ANSWERS

1) 10% of 450 = 45  
 30% of 450 = 45  $\times$  3 = 135

2) 5% of 450 = 45/2 = 22.5  
 35% of 450 = 135 + 22.5 = 157.5

**SUCCESS CRITERIA/STEPS**

**I CAN:**

a	Work out 10% of an amount.	
b	Multiply by multiple of 10%.	
c	Divide the answer for 10% by 2 to get 5%	
d	Add the answers for 30% and 5% together.	