

**Monday 11<sup>th</sup> May y5**

Continue skills and move into mastery

Skills continued:

Complete the chart:

Decimal Fraction	Proper Fraction	Percentage
0.25		
	1/10 <sup>th</sup>	
		30%
0.75		
	7/10 <sup>th</sup>	

Find 20% of the following amounts:

£350	650Kg	145Litres	870 metres	£290
£375	675Kg	150Litres	805 metres	£3598

Note: to find 20% you could find 10% by converting to fraction and then double it!

If you have time, move into mastery:

**If pupils have mastered this objective they will be able to complete these activities independently:**

Which is more?	Finding percentage of the same amounts:		
	10%	20%	50%
20% of 200 or 25% of 180?			
30% of 200 or 75% of 100?			
10% of 560 or 90% of 50			
Explain your reasoning.			

Scroll down for answers so far....

## Focus Maths Answers Year 5

### Summer Term 2 Week 3

Page 198 Pre-Learning Task

Complete the missing values					
Percentage (%)	Decimal Fraction	Fraction	Percentage (%)	Decimal Fraction	Fraction
50%	0.5	1/2	75%	0.75	3/4
25%	0.25	1/4	83%	0.83	5/6
33%	0.33	1/3	30%	0.3	3/10
30%	0.3	3/10	25%	0.25	1/4
60%	0.6	3/5	22%	0.22	2/9
75%	0.75	3/4	40%	0.4	4/10
20%	0.2	1/5	88%	0.88	7/8

#### SKILLS:

£300 **£30**  
450Kg **45Kg**  
45Litres **4.5L or 4500ml**  
670 metres **67m**  
£240 **£24**  
£345 **£34.50**  
675Kg **67.5Kg or 67500g**  
120Litres **12L**  
855 metres **85.5m or 8550cm**  
£3498 **£349.80**

Complete the chart:

<b>Decimal Fraction</b>	<b>Proper Fraction</b>	<b>Percentage</b>
0.25	<b>1/4<sup>th</sup></b>	<b>25%</b>
<b>0.1</b>	1/10 <sup>th</sup>	<b>10%</b>
<b>0.3</b>	<b>3/10<sup>th</sup></b>	30%
0.75	<b>3/4<sup>th</sup></b>	<b>75%</b>
<b>0.7</b>	7/10 <sup>th</sup>	<b>70%</b>

Keep scrolling

Keep scrolling down.....

Find 20% of the following amounts:

£350 **£70**

650Kg **130Kg**

145Litres **29L**

870 metres **174m**

£290 **£58**

£375 **£75**

675Kg **135Kg**

150Litres **30L**

805 metres **161m**

£3598 **£719.60**

**SCROLL DOWN FOR MASTERY  
ANSWERS.....**

**Page 200 Mastering this Objective**

**Which is more?**

20% of 200 or **25% of 180?** (£40 or £45)

30% of 200 or **75% of 100?** (£60 or £75)

**10% of 560** or 90% of 50 (£56 or £45)

I have 19%; how much more do I need to add to it to make it the same as 0.2? **1%**

I have 28%; how much do need to take away to make it the same as one quarter? **3%**

I have 78%; how much do I need to add to it to make the same as  $\frac{4}{5}$ ? **2%**

I have 95%; how much do I need to take away to make it the same as 0.9? **5%**

Finding percentage of the same amounts:

	10%	20%	50%
£34	<b>£3.40</b>	<b>£6.80</b>	<b>£17</b>
450m	<b>45m</b>	<b>90m</b>	<b>225m</b>
560Kg	<b>56Kg</b>	<b>112Kg</b>	<b>280Kg</b>
£750	<b>£75</b>	<b>£150</b>	<b>£375</b>
50 litres	<b>5L</b>	<b>10L</b>	<b>25L</b>

**A THOUSAND APOLOGIES FOR DIFFERENT PAGES AND GAPS...THE COMPUTER WOULD NOT COMPLY! IT WAS BEING VERY TEMPERAMENTAL TODAY!! Hope you managed to work your way through the sequence!**