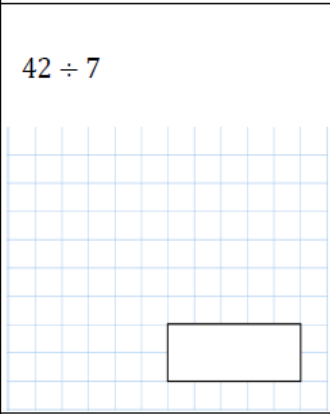
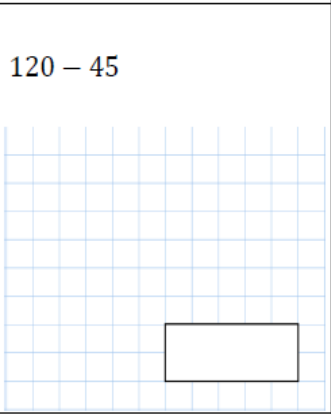
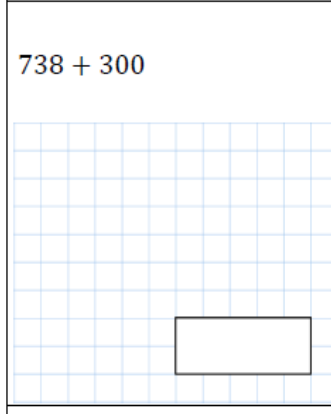
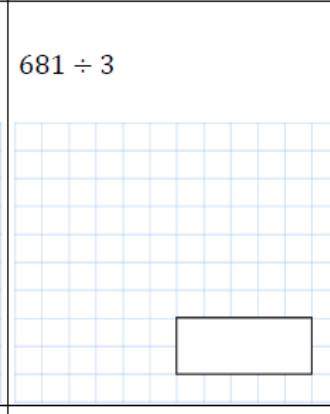
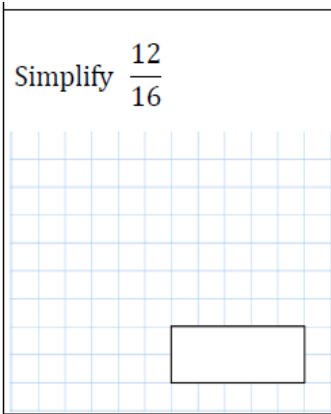
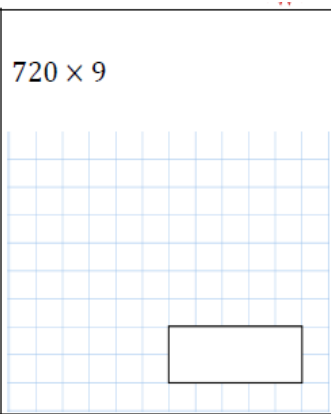
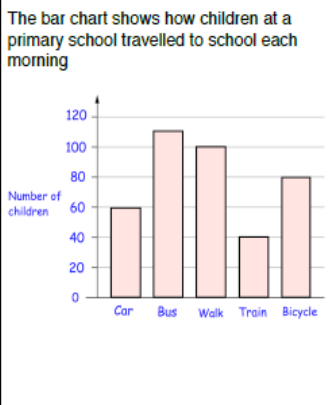
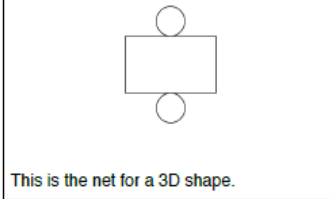
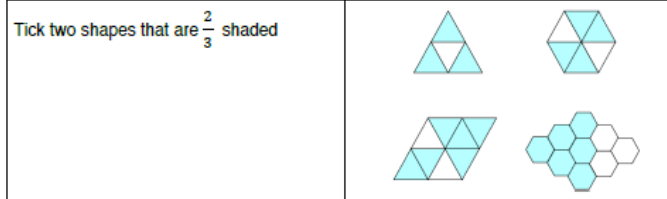
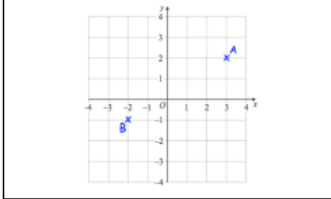


Unit 3 Week 3 Maths

Tuesday Simmering

Choose one section for your simmering then one section for your main activity. If you fancy a challenge do try the next level

*		**		***	
$42 \div 7$ 	$120 - 45$ 	$738 + 300$ 	$681 \div 3$ 	Simplify $\frac{12}{16}$ 	720×9 
Write am or pm in each box Fabian has his lunch at half past twelve 12:30 <input type="text"/>	Fabian wakes up each morning at quarter past six 6:15 <input type="text"/>	Fill in the missing numbers 48 months = <input type="text"/> years 77 days = <input type="text"/> weeks 72 hours = <input type="text"/> days	James earns £12 per hour. He works 19 hours in one week. He gives 1/10 to his sister How much does he give to his sister?		
The bar chart shows how children at a primary school travelled to school each morning 	How many children travelled to school by bicycle? How many more children travelled to school by walking than by train?	At the start of December, there were 3,590 video games in a shop. During December, 8,421 more video games were delivered 10,709 video games were sold.	How many video games were left in the shop at the end of December?		
		Tick two shapes that are $\frac{2}{3}$ shaded			
				This is the net for a 3D shape. 	Write down the coordinates of A. Write down the coordinates of B

*** LO To find change. (Add the items together then find the change (subtract))**

Can you find the change?

Dave finds these crisps and dips when he goes shopping.



Remember ... **Success Criteria**

- Set out a column subtraction. Make sure your digits are in the appropriate column.
- Find the change means subtract. So $199p - 35p$. or

$£1.99 -$

$£0.35$

- If you buy more than one item.. add the items together
- Then subtract the total from how much money

1. What would be the change from 199p if Dave bought a mango dip?
2. What would be the change from £1.49 if Dave bought a packet of salt and vinegar crisps?
3. What would be the change from £1.49 if Dave bought a mango dip and some ready salted crisps?
4. What change would Dave have from £1.19 if he bought two mango dips?
5. What would be the change from £1.99 if Dave bought a chilli dip and some cheese sticks?
6. What change would Dave have from £1.99 if he bought three packets of ready salted crisps?

**** LO To find change. Add the items together then find the change (subtract)**

Can you find the change?

Dave finds these crisps and dips when he goes shopping.



Remember ... **Success Criteria**

- Set out a column subtraction. Make sure your digits are in the appropriate column.
- Find the change means subtract. So $200p - 35p$ or

~~£1.90~~ -

£0.35

Remember to exchange ...

- If you buy more than one item.. add the items together
- Then subtract the total from how much money

1. What would be the change from 200p if Dave bought a mango dip?
2. What would be the change from £1.50 if Dave bought a packet of salt and vinegar crisps?
3. What would be the change from £1.50 if Dave bought a mango dip and some ready salted crisps?
4. What change would Dave have from £1.20 if he bought two mango dips?
5. What would be the change from £2.00 if Dave bought a chilli dip and some cheese sticks?
6. What change would Dave have from £2 if he bought three packets of ready salted crisps?

***** LO To find change. Add the items together then find the change (subtract)**

Can you find the cost of the shopping?

Dave goes shopping to buy breakfast foods. He finds these breakfast cereals, cereal bars and milk.



Remember ... **Success Criteria**

- Set out a column subtraction. Make sure your digits are in the appropriate column.
- Find the change means subtract. So 200p - 35p. or

~~£1.95~~10 -

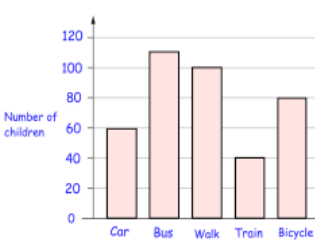
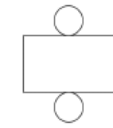



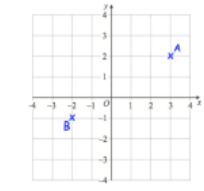
£0.35

Remember to exchange ...

- If you buy more than one item.. add the items together
- Then subtract the total from how much money

1. What would be the change from £5 if Dave bought a bottle of milk?
2. What would be the change from £5 if Dave bought a packet of Bran Flakes?
3. What would be the change from £5 if Dave bought a bottle of milk and a box of Brantime?
4. What would be the change from £5 if Dave bought a box of Bran Crunch and an Oatbar?
5. What change would Dave have from £5 if he bought two boxes of Moon pops?
6. What change would Dave have from £5 if he bought four bottles of milk?

Answers

*		**		***	
$42 \div 7$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 20px auto; text-align: center;">6</div>	$120 - 45$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 20px auto; text-align: center;">75</div>	$738 + 300$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 20px auto; text-align: center;">1038</div>	$681 \div 3$ <div style="border: 1px solid black; width: 60px; height: 40px; margin: 20px auto; text-align: center;"> $\begin{array}{r} 227 \\ 3 \overline{)6821} \end{array}$ </div>	Simplify $\frac{12}{16}$ <div style="border: 1px solid black; padding: 5px;"> Make the smallest denominator you can using x facts $12 \div 4 = 3$ $16 \div 4 = 4$ So it is $\frac{3}{4}$ </div>	720×9 <div style="border: 1px solid black; padding: 5px;"> Make the smallest denominator you can using x facts $72 \div 9 = 8$ So $720 \div 9 = 80$ </div>
Write am or pm in each box Fabian has his lunch at half past twelve <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> $12:30$ <div style="border: 1px solid black; padding: 2px 5px;">p.m</div> </div> <div style="text-align: center;"> $6:15$ <div style="border: 1px solid black; padding: 2px 5px;">p.m</div> </div> </div>	Fabian wakes up each morning at quarter past six <div style="border: 1px solid black; width: 100px; height: 40px; margin: 20px auto;"></div>	Fill in the missing numbers <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $48 \div 12 = 4$ (12m = 1 year) </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $77 \div 7 = 11$ (7d = 1 week) </div> <div style="border: 1px solid black; padding: 5px;"> $72 \div 24 = 3$ (24h = 1 day) </div>	48 months = <div style="border: 1px solid black; padding: 2px 5px;">2</div> years 77 days = <div style="border: 1px solid black; padding: 2px 5px;">11</div> weeks 72 hours = <div style="border: 1px solid black; padding: 2px 5px;">3</div> days	James earns £12 per hour. He works 19 hours in one week. <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> He gives $\frac{1}{10}$ to his sister How much does he give to his sister? </div>	$19 \times$ $\frac{12}{38}$ $\frac{190}{228}$ 1
The bar chart shows how children at a primary school travelled to school each morning 	How many children travelled to school by bicycle ? <div style="border: 1px solid black; width: 100px; height: 40px; margin: 20px auto; text-align: center;">80</div>	At the start of December, there were 3,590 video games in a shop. During December, 8,421 more video games were delivered 10,709 video games were sold. <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> $\begin{array}{r} 8421 \\ 3590 + \\ \hline 12011 \end{array}$ </div> <div style="border: 1px solid black; padding: 5px;"> $\begin{array}{r} 12011 \\ 10709 - \\ \hline 01302 \end{array}$ </div> </div>	How many video games were left in the shop at the end of Dec? <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> $\begin{array}{r} 12011 \\ 10709 - \\ \hline 01302 \end{array}$ </div> <div style="border: 1px solid black; padding: 5px;"> $\begin{array}{r} 12011 \\ 10709 - \\ \hline 01302 \end{array}$ </div> </div>		
	How many more children travelled to school by walking than by train ? <div style="border: 1px solid black; width: 100px; height: 40px; margin: 20px auto; text-align: center;"> $100 - 40 = 60$ </div>	Tick two shapes that are $\frac{2}{3}$ shaded <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <input checked="" type="checkbox"/> </div> <div style="text-align: center;">  <input type="checkbox"/> </div> </div>	This is the net for a 3D shape. 	Write down the coordinates of A. <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $(3, 2)$ </div> Write down the coordinates of B. <div style="border: 1px solid black; padding: 5px;"> $(-2, -1)$ </div>	

* **LO To find change. (Add the items together then find the change (subtract))**

Can you find the change?

Dave finds these crisps and dips when he goes shopping.



Remember ... **Success Criteria**

- Set out a column subtraction. Make sure your digits are in the appropriate column.
- Find the change means subtract. So $200p - 35p$. or

~~£1.90~~ -

£0.35

Remember to exchange ...

- If you buy more than one item.. add the items together
- Then subtract the total from how much money

1. What would be the change from 199p if Dave bought a mango dip?
 $199p - 35p = 164p$ or £1.64
2. What would be the change from £1.49 if Dave bought a packet of salt and vinegar crisps?
 $149p - 62p = 87p$ or £0.87
3. What would be the change from £1.49 if Dave bought a mango dip and some ready salted crisps?
 $35p + 58p = 93p$
Then $149p - 93p = 56p$ or £0.56
4. What change would Dave have from £1.19 if he bought two mango dips?
 $35p + 35p = 70p$
Then $119p - 70p = 49p$ or £0.49
5. What would be the change from £1.99 if Dave bought a chilli dip and some cheese sticks?
 $45p + 71p = 116p$
 $199p - 116p = 83p$ or £0.83
6. What change would Dave have from £2 if he bought three packets of ready salted crisps?
 $58p + 58p + 58p = 174p$
 $199p - 174p = 25p$ or £0.25

**** LO To find change. Add the items together then find the change (subtract)**

Can you find the change?

Dave finds these crisps and dips when he goes shopping.



Remember ... **Success Criteria**

- Set out a column subtraction. Make sure your digits are in the appropriate column.
- Find the change means subtract. So $200p - 35p$ or

~~£1.90~~ -

£0.35

Remember to exchange ...

- If you buy more than one item.. add the items together
- Then subtract the total from how much money

7. What would be the change from 200p if Dave bought a mango dip?
 $200p - 35p = 165p$ or **£1.65**
8. What would be the change from £1.50 if Dave bought a packet of salt and vinegar crisps?
 $150p - 62p = 88p$ or **£0.88**
9. What would be the change from £1.50 if Dave bought a mango dip and some ready salted crisps?
 $35p + 58p = 93p$
Then $150p - 93p = 57p$ or **£0.57**
10. What change would Dave have from £1.20 if he bought two mango dips?
 $35p + 35p = 70p$
Then $120p - 70p = 50p$ or **£0.50**
11. What would be the change from £2.00 if Dave bought a chilli dip and some cheese sticks?
 $45p + 71p = 116p$
 $200p - 116p = 84p$ or **£0.84**
12. What change would Dave have from £2 if he bought three packets of ready salted crisps?
 $58p + 58p + 58p = 174p$
 $200p - 174p = 26p$ or **£0.26**

*** LO To find change. Add the items together then find the change (subtract)

Can you find the cost of the shopping?

Dave goes shopping to buy breakfast foods. He finds these breakfast cereals, cereal bars and milk.



Remember ...Success Criteria

- Set out a column subtraction. Make sure your digits are in the appropriate column.
- Find the change means subtract. So 200p - 35p. or

~~£1.9~~0 -

£0.35

Remember to exchange ...

- If you buy more than one item.. add the items together
- Then subtract the total from how much money

1. What would be the change from £5 if Dave bought a bottle of milk? **£4.14 or 414p**
2. What would be the change from £5 if Dave bought a packet of Bran Flakes? **£3.05 or 305p**
3. What would be the change from £5 if Dave bought a bottle of milk and a box of Brantime?
183p+86p=269p
then 500p-269p=231p or £2.31
4. What would be the change from £5 if Dave bought a box of Bran Crunch and an Oatbar?
164p+178p=342p
Then 500p-342= 158p or £1.58
5. What change would Dave have from £5 if he bought two boxes of Moon pops?
232p+232p= 464p
500p-464p = 36p or £0.36
6. What change would Dave have from £5 if he bought four bottles of milk?
86p x 4 = 344p £3.44
500p-344p = 156p £1.56