

# Mental Workout

- Give yourself a Monday morning wake up and see if you can answer these workout questions:

1.  $65p \div 5 = ?$

2.  $? \text{ kg} - 13 \text{ kg} = 14 \text{ kg}$

3.  $(3 \text{ km} + ? \text{ km}) \times 6 = 72 \text{ km}$

4.  $\text{£}90 \times ? = \text{£}720$

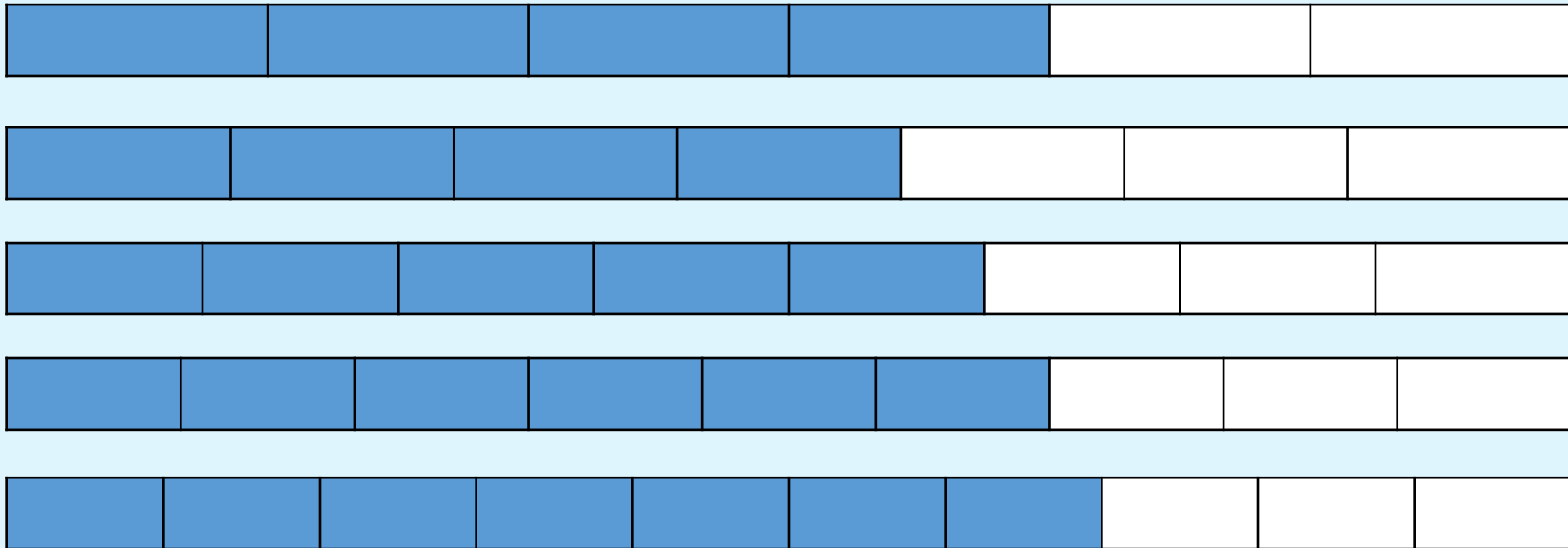
5.  $? = \frac{1}{2} \text{ of } 13$



# Let's Recap

- Think back to skills we've learnt this year to answer this question:

Tick all the shapes that have  $\frac{2}{3}$  shaded



# I've Got a Problem...

The menu of a fish and chip shop is shown in the table.

Tim orders one portion of chips, three sausages and four cans of coke.

How much does Tim spend in total? Don't forget to show your working out!

<u>Chips and Fishes</u>	
Chips	80p
Sausage	£1.25
Fish	£3.45
Cans of Cola	25p

Extension: Tim pays with a £10 note. How much change does he get?

# Arithmetic

- The following questions are about multiplying by 10, 100 and 1000. Time your partner to see how quickly they can answer them all!
1. Should you multiply 25 by 10, 100 or 1000 to get 250?
  2. What should you multiply 7.2 by to get 720?
  3. How many numbers will be after the decimal point if you multiply 5.25 by 10?
  4. Find the missing number:  $12.38 \times ? = 12380$

# Be Reasonable!

Tom has 5 coloured cards to every 3 black and white cards.

If Tom has 36 black and white cards, how many coloured cards does he have?

Jack has 6 coloured cards to every 5 black and white cards.

If Jack has 36 coloured cards, how many cards does he have altogether?

# Mental Workout

- Give yourself a Monday morning wake up and see if you can answer these workout questions:

1. ? litres = 9 litres x 6

2.  $(4 + 31 + 13) \div 4 = ?$

3.  $28 \div ? = 2.8$

4.  $1426 + 2100 = ?$

5.  $\frac{1}{4} + ? = 1$



# Let's Recap

- Think back to skills we've learnt this year to answer this question:

The table below shows the top three scores on a computer game.

Round each score to the nearest ten thousand.

	<b>'Escape from Zombie Jungle' Top Scores</b>
1 <sup>st</sup>	13 778 201
2 <sup>nd</sup>	13 515 539
3 <sup>rd</sup>	12 204 676

# I've Got a Problem...

1. What is the product of three, four and five?
2. Divide 56 by four and multiply the answer by five.
3. Which number is 16 more than 39 604?
4. Share eighteen items equally between six people. How many items do each of them get?
5. Round these numbers to the nearest 100:  
2754                  3639                  5051
6. 410 is how many more than 24?



# Arithmetic

- Answer the following questions using short multiplication

1.  $5115 \times 5$

2.  $1495 \times 3$

3.  $1984 \times 4$

4.  $4325 \times 2$

5.  $3462 \times 7$

# Be Reasonable!

A shop stocks 30 bottles of shampoo. Felix buys  $\frac{2}{5}$  of the bottles and Anita buys  $\frac{3}{10}$  of the bottles.

How many bottles of shampoo does the shop have left?

# Mental Workout

- Give yourself a Monday morning wake up and see if you can answer these workout questions:

1.  $1.5 - 0.7 = ?$

2.  $? \times 5 \times 4 = 100$

3.  $40 \text{ mm} \times ? = 8 \text{ cm}$

4.  $? \text{ m} \div 4 = 17 \text{ m}$

5.  $35 \text{ hours} + ? \text{ hours} = 2 \text{ days}$

6.  $5/10 - 1/10 = ?$



# Let's Recap

- Think back to skills we've learnt this year to answer this question:

Zoe starts running round the edge of a rectangular field that measures 250 m by 400 m.

She stops after running 1000 m.

Did Zoe run all the way round the field?

# I've Got a Problem...

1. Gavin has 180 sweets. He keeps 40 for himself and shares the rest out between 6 friends so that each person gets an equal number.
  - How many sweets does each friend get?
  - How many sweets are left over?
  
2. Omar works 30 hours a week and is paid £8 per hour.
  - How much does he earn per week?
  - Jess is paid three quarters of the amount that Omar is paid. How much does she earn in 5 hours?

# Arithmetic

- Write down the first 5 multiples of each number:

- 7

- 25

- 80

- 36

- Find all the factors of the following numbers:

- 24

- 63

# Be Reasonable!

Emily needs 60 g of fruit and 100 ml of juice to make a small smoothie. She follows the same recipe to make a large smoothie.

A large smoothie uses 350 ml of juice.

How much fruit will she need?

Don't forget to show your working out!

# Mental Workout

- Give yourself a Monday morning wake up and see if you can answer these workout questions:

1.  $? = \frac{1}{2}$  of 77

2.  $\frac{5}{8}$  of 64 =  $? \times 10$

3.  $323 \times 1000 = ?$

4.  $(9 \times 8) + 58 = ? + 50$

5.  $100^2 = ?$





# I've Got a Problem...

1. Sarah takes her dog for an 800 m walk three times a week.
  - How far will she have walked with her dog after two weeks?
  - Can you give your answer in km?

2. Amy and Ben are baking for a cake sale.

Amy bakes for three hours and makes 60 cakes an hour.

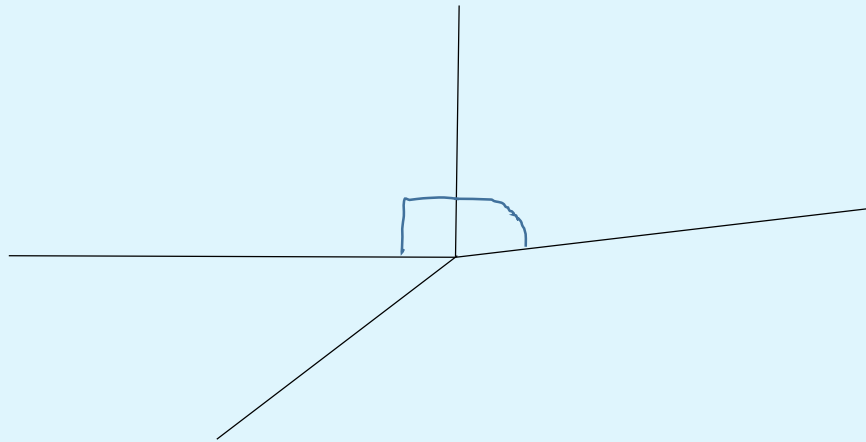
Ben takes two hours to bake the same amount of cakes.

How many cakes does Ben make per hour?

# Let's Recap

- Think back to skills we've learnt this year to answer this question:

Look at the this diagram.



Calculate angle  $y$ .

# Arithmetic

- Work out these subtraction questions using a formal written method.

1.  $48272 - 2342$

2.  $23573 - 84$

3.  $23423 - 342$

4.  $23422 - 12394$

5.  $28983 - 9000 - 23$

6.  $836283 - 38372 - 23$

# Be Reasonable!

Max makes some concrete for a path.

For a path 8 metres long max needs:

- 200 kg of cement
- 600 kg of sand
- 600 kg of stone

What weight of stone will he need for a path 20 metres long?