1 The perimeter of a square is 12cm. What is the area of the square?

A	B	C	D	E
16cm²	6cm²	7cm²	9cm²	8cm²

2 Josh's plane is due to leave at 09:20am. He has just been told that his flight has been delayed by 1 hour and 15 minutes. What time will Josh's flight now leave?

A	B	C	D	E
10:35am	11:20am	10:20am	8:05am	10:50am

3 What is 43% of 400?

A	B	C	D	E
172	175	180	156	168

4 Fred has received £150 for his birthday. 10% of this money has been given as a cheque. How much money has Fred received in cash?

A	B	C	D	E
£150	£135	£124	£112	£115

5 Pippa has 25 pieces of clothing in her wardrobe. 10 of these pieces are tops, 6 of which are t-shirts, 6 of them are jeans and 4 are skirts. The rest of Pippa's clothes are dresses. What percentage of Pippa's wardrobe are dresses?

A	B	C	D	E
15%	20%	35%	25%	10%

6 Peter's watch shows the time to be 3:05pm, but it is 17 minutes fast. What time is it really?

A	B	C	D	E
2:48pm	3:22pm	2:24pm	3:12pm	2:50pm

7 Ben opens a full bottle of 2.5 litres of lemonade. He pours out two glasses, pouring 200ml into each glass. How much lemonade is left in the bottle?

A	B	C	D	E
2.1 ml	2100 ml	1.8 cl	180 cl	21 litres

8 A football club has a capacity of 7157 spectators and there are 2994 seats. When the ground is full, how many people will have to stand?

A	B	C	D	E
3253	4267	4163	4204	4199

9 Jack's grannie buys a new set of cups and saucers. Each cup and saucer set costs £8.50 and she decides to buy 8 cups and saucers. How much will they cost altogether?

A	B	C	D	E
£58.50	£68.00	£66.60	£90.40	£63.72

10 A golf club has a total of 660 members. 70% of the membership are men, 25% of the membership are women and the rest are children. How many children play golf?

A	B	C	D	E
33	30	45	48	50

1 It takes William 20 minutes to cycle 5 miles.

What is his speed in miles per hour?

2 Dan is late for a meeting as there have been traffic jams on the motorway.

He travels 155 miles on the M5 in $2\frac{1}{2}$ hours.

What is Dan's average speed in miles per hour?

3 Eddie and Sara's ages add up to 24 years.
If Eddie is 6 years older than Sara, how old is Sara?

4 Max goes on a sponsored walk in aid of charity.

He walks 20 miles and it takes him 5 hours.

What is Max's average speed in miles per hour?

5 Jake's mum is four years older than Sophie's mum.
Poppy's mum is two years older than Sophie's mum. Their combined ages is 126.
How old is Jake's mum?

6 Archie is exactly $3\frac{1}{2}$ years old today.

How many months ago was he born?

7 There are 42 children in year 6 at a school.

One third of them are vegetarian.

How many children eat meat?

8 Stella uses two eggs to make three cakes.

How many eggs would need to make twelve cakes?

9 Maisie's school bus breaks down one morning and there is no other way than to walk the rest of the distance to school, which is $4\frac{1}{2}$ miles. Maisie walks for 90 minutes to get to school. What is her average speed in miles per hour?

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Maths 3

A	B	C	D	E	F	G	H	I	J
£1.96	£15.53	£14.63	£2.82	£1.85	£16.53	£2.96	£1.82	£1.75	£2.40

```
                    Receipt
                 Eight Till Late

Potatoes                          £3.69

Baked beans                       £4.15

Grapes                            £2.00

Milk                              £1.99

Ham                               £3.00

Cheese                            £2.65

Bread rolls                       £0.70

Total                            £18.18




09/05/17                    20:05:11
```

1 Sally went to the Corner Shop to get some shopping. Her receipt is above. She took a
   £20 note. How much change did she receive?

2 The cheese turned out to be a bit mouldy and smelled strange so she took it back for a
   refund. How much was her total bill without the cheese?

3 Sally plans to make jacket potatoes with beans for tea for herself and her three children. If
   she uses all of the potatoes and all of the beans, how much will tea cost per portion?

4 The ham is on offer the next day. It is reduced in price by 20%. How much would it
   cost Sally if she bought it the next day?

Julius Caesar was a great Roman soldier. In less than **ten years**[1] he conquered what is now France, Belgium, the Netherlands, Germany and Switzerland. Caesar wrote an account of all that he did and this eventually became the first written **record**[2] of life in ancient Britain.

When fighting in France (which at the time was called Gaul) Caesar heard of an island just over the sea, which was **rich**[3] in tin, lead and other useful metals. He **gathered together**[4] eighty ships and filled them with soldiers and horsemen. In the summer of 55 BC he sailed across the channel. When he arrived at the white cliffs, he saw there was nowhere to land **safely**[5] and that hundreds of Britons, **ready**[6] for battle, were watching his approach. As the Roman galleys sailed along the coast looking for a safe place to land, the Britons **followed**[7] them with their horses and war chariots.

Eventually the Romans turned their ships towards the **shore**[8]. A brave soldier took hold of a standard (a carving of a gold-coloured eagle mounted on a pole) and **leapt**[9] into the water calling for men to follow him. As it was counted as a terrible **disgrace**[10] to return from battle without a standard, the other soldiers followed. The Britons, or 'Barbarians' as the Romans called them, entered the water with their horses and weapons and a great fight took place. However, despite all their **bravery**[11], the Britons were beaten and fled. The Romans set up camp on the shore but within a few days the rough seas destroyed a lot of their ships. They had no **choice**[12] but to return to Gaul with what ships they had **left**[13].

Caesar **immediately**[14] began gathering together a larger army and more ships. The following summer he returned to Britain, this time with hundreds of ships and thousands of men. This time, no one met them when they landed. The Roman soldiers marched into battle against the British tribes and many lives were lost. **Realizing**[15] that they were better fighting alongside each other, the tribes **appointed**[16] a joint leader called Cassivellaunus who helped them work together in battle. However, the Roman soldiers were too well organized and eventually Cassivellaunus surrendered. Caesar returned to Gaul with **prisoners**[17] and the **promise**[18] of taxes to be paid every year. He also chose a young prince to lead the Trinovantes tribe with the offer of Roman protection. Rome had taken control over one small area of Britain.

bank	amassed	promptly	pledge	option	primed
gallantry	appreciating	shame	a decade	elected	abundant
securely	account	captives	remaining	pursued	vaulted

Synonyms

1 obstacle

A	B	C	D	E
clog	railing	barrier	wall	fence

2 amplify

A	B	C	D	E
notify	justify	verify	identify	magnify

3 occurrence

A	B	C	D	E
current	accident	situation	event	adventure

4 objection

A	B	C	D	E
exception	difficulty	protest	reprimand	demanding

5 waffle

A	B	C	D	E
shuffle	sniffle	waft	babble	hustle

6 overcast

A	B	C	D	E
muggy	thrown	beaten	muddy	cloudy

7 cannily

A	B	C	D	E
carefully	shrewdly	shyly	scarily	justly

8 mediocre

A	B	C	D	E
average	awesome	awful	avoidable	available

9 respond

A	B	C	D	E
reflect	question	react	retain	rebuke

10 furtive

A	B	C	D	E
smooth	forgetful	sly	keen	cagey

Antonyms

	A	B	C	D	E
1 past	overdue	former	prior	elapsed	future

	A	B	C	D	E
2 squander	recover	exhaust	save	deliver	defend

	A	B	C	D	E
3 coarsely	gracefully	finely	cautiously	lightly	tactfully

	A	B	C	D	E
4 calm	soften	contemptuous	tempestuous	blithe	secure

	A	B	C	D	E
5 blatant	conspicuous	subtle	indirect	forthright	dishonest

	A	B	C	D	E
6 stout	solid	fragile	spare	thin	shadowy

	A	B	C	D	E
7 concur	disapprove	disconnect	separate	disagree	consent

	A	B	C	D	E
8 priceless	worthwhile	pointless	invaluable	worthless	worthier

	A	B	C	D	E
9 tethered	stiff	release	loose	taut	spare

	A	B	C	D	E
10 affirm	obstruct	sanction	resist	dissolve	deny

Synonym pairs to learn.

Syns 9 **vital**	Syns 9 **essential**	Syns 9 **ponder**	Syns 9 **consider**
Syns 9 **accumulate**	Syns 9 **collect**	Syns 9 **pamper**	Syns 9 **spoil**
Syns 9 **perplexing**	Syns 9 **puzzling**	Syns 9 **phobia**	Syns 9 **fear**
Syns 9 **owing**	Syns 9 **unpaid**	Syns 9 **accuse**	Syns 9 **blame**
Syns 9 **peril**	Syns 9 **danger**	Syns 9 **oblivious**	Syns 9 **unaware**
Syns 9 **particle**	Syns 9 **speck**	Syns 9 **remedy**	Syns 9 **cure**
Syns 9 **pressing**	Syns 9 **urgent**	Syns 9 **recollection**	Syns 9 **memory**
Syns 9 **acquire**	Syns 9 **obtain**	Syns 9 **logic**	Syns 9 **reason**
Syns 9 **brisk**	Syns 9 **rapid**	Syns 9 **offensive**	Syns 9 **insulting**

Ants 10 obstinate	Ants 10 compliant	Ants 10 abolish	Ants 10 retain
Ants 10 union	Ants 10 separation	Ants 10 relax	Ants 10 tighten
Ants 10 vivid	Ants 10 dull	Ants 10 relegate	Ants 10 promote
Ants 10 unfortunate	Ants 10 lucky	Ants 10 respectful	Ants 10 rude
Ants 10 guilt	Ants 10 innocence	Ants 10 precise	Ants 10 inaccurate
Ants 10 falsehood	Ants 10 truth	Ants 10 fleet	Ants 10 slow
Ants 10 frequently	Ants 10 seldom	Ants 10 youthful	Ants 10 elderly
Ants 10 removal	Ants 10 installation	Ants 10 harmful	Ants 10 beneficial
Ants 10 obligatory	Ants 10 optional	Ants 10 gorge	Ants 10 starve

Maths 1

1	D
2	A
3	A
4	B
5	B
6	A
7	B
8	C
9	B
10	A

Maths 3

1	H
2	B
3	A
4	J

Maths 2

1	15
2	62
3	09
4	04
5	44
6	42
7	28
8	08
9	03

Synonyms

1	C
2	E
3	D
4	C
5	D
6	E
7	B
8	A
9	C
10	C

Antonyms

1	E
2	C
3	B
4	C
5	B
6	D
7	D
8	D
9	C
10	E

Julius Caesar

ten years	a decade
record	account
rich	abundant
gathered together	amassed
safely	securely
ready	primed
followed	pursued
shore	bank
leapt	vaulted
disgrace	shame
bravery	gallantry
choice	option
left	remaining
immediately	promptly
realizing	appreciating
appointed	elected
prisoners	captives
promise	pledge