

1 In a large musical production, there are three boys to every five girls.

There are 240 children taking part in the production altogether.

How many are boys?

2 There are 48 dogs in the dog rescue centre.

$\frac{1}{6}$ of the dogs are terriers, $\frac{1}{4}$ are Labradors and $\frac{1}{3}$ are poodles. The remainder are a mixture of different breeds.

How many dogs aren't terriers, Labradors or poodles?

3 How many quarter-litre bottles have the same capacity as a 15 litre bucket?

4 On Monday, the Curious Café sells 4 times as many cups of coffee than mugs of hot chocolate.

72 cups of coffee are sold. How many more cups of coffee are sold than hot chocolate?

5 Bertie has £4.75.

He see some Easter eggs for sale for 80p each.

How many can be buy?

1			4			7		
	[0]	[0]		[0]	[0]		[0]	[0]
	[1]	[1]		[1]	[1]		[1]	[1]
	[2]	[2]		[2]	[2]		[2]	[2]
	[3]	[3]		[3]	[3]		[3]	[3]
	[4]	[4]		[4]	[4]		[4]	[4]
	[5]	[5]		[5]	[5]		[5]	[5]
	[6]	[6]		[6]	[6]		[6]	[6]
	[7]	[7]		[7]	[7]		[7]	[7]
	[8]	[8]		[8]	[8]		[8]	[8]
	[9]	[9]		[9]	[9]		[9]	[9]

6 450 vehicles pass under the bridge on the M5 in Gloucester between 07:00 and 08:00 on Thursday morning. $\frac{4}{5}$ of the vehicles are cars.

How many are other types of vehicles?

2			5			8		
	[0]	[0]		[0]	[0]		[0]	[0]
	[1]	[1]		[1]	[1]		[1]	[1]
	[2]	[2]		[2]	[2]		[2]	[2]
	[3]	[3]		[3]	[3]		[3]	[3]
	[4]	[4]		[4]	[4]		[4]	[4]
	[5]	[5]		[5]	[5]		[5]	[5]
	[6]	[6]		[6]	[6]		[6]	[6]
	[7]	[7]		[7]	[7]		[7]	[7]
	[8]	[8]		[8]	[8]		[8]	[8]
	[9]	[9]		[9]	[9]		[9]	[9]

7 Patsy reads 18 pages of her book every day.

She starts her latest book on Tuesday and after her reading on Thursday, she still has 32 pages left to read.

How many pages are there in Patsy's book?

3			6			9		
	[0]	[0]		[0]	[0]		[0]	[0]
	[1]	[1]		[1]	[1]		[1]	[1]
	[2]	[2]		[2]	[2]		[2]	[2]
	[3]	[3]		[3]	[3]		[3]	[3]
	[4]	[4]		[4]	[4]		[4]	[4]
	[5]	[5]		[5]	[5]		[5]	[5]
	[6]	[6]		[6]	[6]		[6]	[6]
	[7]	[7]		[7]	[7]		[7]	[7]
	[8]	[8]		[8]	[8]		[8]	[8]
	[9]	[9]		[9]	[9]		[9]	[9]

8 Which number is more than 40, less than 80 and is both a square and a cube number?

9 A box holds 6 eggs.

How many boxes are needed for 12 dozen eggs?

Please can you sort the words in the boxes into the correct synonym list, I've done the first one for you.

scent	stun	anxious	scheming	perfume	dreadful ✓
stagger	awful ✓	wily	astonish	jittery	contest
wrangle	odour	hideous ✓	contend	amaze	cunning
ghastly ✓	dispute	crafty	uneasy	frightful ✓	fragrance
sly	concerned	smell	disagree	shock	alarmed

appalling	apprehensive	argue	aroma	artful	astound
hideous dreadful ghastly frightful awful					

Same thing, but antonyms...

suspend	tragic	vague ✓	annoying	peaceful	trivial
obscure ✓	terrible	calm	minor	irritating	indefinite ✓
trifling	irksome	disastrous	uncertain ✓	postpone	delay
composed	petty	troublesome	tranquil	dreadful	interrupt
clear	stormy	agreeable	important	comic	continue
vague obscure indefinite uncertain					

Synonyms

1 loathing

A	B	C	D	E
resentment	arrogance	fear	hatred	bitterness

2 evolve

A	B	C	D	E
emerge	grow	adapt	enlarge	ripen

3 immerse

A	B	C	D	E
engage	merge	submerge	hold	moisten

4 whole

A	B	C	D	E
amount	partial	heap	sum	entire

5 calamity

A	B	C	D	E
hardship	misadventure	casualty	hazard	setback

6 fragrant

A	B	C	D	E
flavoursome	delightful	sweet	perfumed	heady

7 detailed

A	B	C	D	E
developed	disclosed	intricate	narrow	unfolded

8 priceless

A	B	C	D	E
invaluable	worthless	valueless	cheap	useless

9 protected

A	B	C	D	E
sealed	cleared	free	immune	locked

10 prohibit

A	B	C	D	E
restrain	prevent	forbid	hamper	cancel

Antonyms

1 grimy

A	B	C	D	E
---	---	---	---	---

neat spotless tidy blank smooth

2 angst

A	B	C	D	E
---	---	---	---	---

blessed prosperity hilarity bonny happiness

3 contradict

A	B	C	D	E
---	---	---	---	---

engage permit agree take endure

4 necessary

A	B	C	D	E
---	---	---	---	---

vital random substantial optional routine

5 able

A	B	C	D	E
---	---	---	---	---

inelegant effective incompetent careless weak

6 similar

A	B	C	D	E
---	---	---	---	---

untypical opposed varied identical unlike

7 typical

A	B	C	D	E
---	---	---	---	---

familiar infrequent significant refreshing unusual

8 open

A	B	C	D	E
---	---	---	---	---

secretive careful shrewd secluded modest

9 wholly

A	B	C	D	E
---	---	---	---	---

relatively notably partially tolerably apparently

10 murky

A	B	C	D	E
---	---	---	---	---

mouldy clear sunny glaring meaningful

Synonym pairs to learn.

Syns 8 oath	Syns 8 vow	Syns 8 omission	Syns 8 exclusion
Syns 8 outline	Syns 8 silhouette	Syns 8 questionable	Syns 8 dubious
Syns 8 activity	Syns 8 pursuit	Syns 8 onlooker	Syns 8 eyewitness
Syns 8 procession	Syns 8 parade	Syns 8 wander	Syns 8 roam
Syns 8 rash	Syns 8 reckless	Syns 8 partial	Syns 8 incomplete
Syns 8 blockage	Syns 8 obstruction	Syns 8 pester	Syns 8 badger
Syns 8 blaze	Syns 8 inferno	Syns 8 vigilant	Syns 8 observant
Syns 8 worsen	Syns 8 deteriorate	Syns 8 opponent	Syns 8 rival
Syns 8 wary	Syns 8 cautious	Syns 8 ornamental	Syns 8 decorative

Answers

appalling apprehensive argue aroma artful astound

hideous
dreadful
ghastly
frightful
awful

anxious
jittery
uneasy
concerned
alarmed

contest
wrangle
contend
dispute
disagree

scent
odour
fragrance
smell
perfume

scheming
wily
cunning
crafty
sly

stun
stagger
astonish
amaze
shock

clear stormy agreeable important comic continue

vague
obscure
indefinite
uncertain

calm
peaceful
tranquil
composed

annoying
irritating
irksome
trouble-
some

trivial
minor
trifling
petty

tragic
disastrous
dreadful
terrible

suspend
postpone
delay
interrupt

Maths 2

1	90
2	12
3	60
4	54
5	05
6	90
7	86
8	64
9	24

Synonyms

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

Antonyms

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