

Y6 Quick starts

- $4 \times 4 \frac{2}{6} =$
- $5 \times 4 \frac{2}{3} =$
- $2 \frac{4}{5} \times 4 =$
- $2 \frac{6}{8} \times 4 =$
- $1 \frac{1}{6} + \frac{2}{6} =$
- $1 \frac{1}{8} - \frac{4}{8} =$
- 99% of 180 =
- 99% of 380 =
- 99% of 420 =

Fractions	Decimals	Percentages
1/10		
	0.2	
1/4		
		30%
2/5		
1/2	0.5	50%
		60%
	0.7	
		75%
8/10		
	0.9	
1/1		

Use these facts to complete the table.

mm	cm	m	km
44,000			
	2,780		
		15.5	
			1.75

5

Put these capacities in order, starting with the smallest.

3 litres	3,500 ml
0.4 litres	0.035 litres
450 ml	330 ml

10 Order the numbers below:

0.1 0.09999 $\frac{4}{10}$ 41% $\frac{3}{5}$

11. Order in descending order

Y6 Quick starts

- $7 \times 4 \frac{2}{6} =$
- $7 \times 5 \frac{2}{3} =$
- $7 \frac{4}{5} \times 4 =$
- $7 \frac{6}{8} \times 4 =$
- $1 \frac{1}{7} + \frac{3}{7} =$
- $1 \frac{1}{9} - \frac{5}{9} =$
- 99% of 680 =
- 99% of 780 =
- 99% of 820 =

Fractions	Decimals	Percentages
1/10		
	0.2	
1/4		
		30%
2/5		
1/2	0.5	50%
		60%
	0.7	
		75%
8/10		
	0.9	
1/1		

mm	cm	m	km
18000			
	9450		
		19.7	
			1.39

10 Order the numbers

0.1 0.09999 $\frac{8}{10}$

11. Order in descending order

0.2km 250m 0.4m 0.002km 290m 0.1km

below:

61% $\frac{4}{5}$

Y6 Quick starts

- $5 \times 4 \frac{2}{6} =$
- $5 \times 5 \frac{2}{3} =$
- $5 \frac{4}{5} \times 4 =$
- $5 \frac{6}{8} \times 4 =$
- $1 \frac{1}{6} + \frac{3}{6} =$
- $1 \frac{1}{8} - \frac{5}{8} =$
- 99% of 580 =
- 99% of 480 =
- 99% of 120 =

Fractions	Decimals	Percentages
1/10		
	0.2	
1/4		
		30%
2/5		
1/2	0.5	50%
		60%
	0.7	
		75%
8/10		
	0.9	
1/1		

mm	cm	m	km
88000			
	3450		
		16.7	
			1.35

10 Order the numbers below:

0.1 0.09999 $\frac{4}{10}$ 41% $\frac{3}{5}$

11. Order in descending order

0.9km 950m 0.4m 0.008km 890m 0.1km

To be able to identify the value of a number with up to three decimal places.

Write down the value of the 3 in the following numbers.

0.53

362.44

739.8

0.013

3,420.98

What is the value of the number in *red*?

5.678

234.05

12.896

621.34

Write the above numbers in words.

Rounding

	<u>Nearest whole number</u>	<u>To 1 decimal place</u>	<u>To 2 decimal places</u>
14.675			
21.432			
9.367			
8.123			

Challenge:

Four children are thinking of four different numbers.

3.454

4.445

4.345

3.54

Yvonne: "My number has four hundredths."

Alex: "My number has the same amount of ones, tenths and hundredths."

Louise: "My number has more tenths and hundredths than ones."

Emily: "My number has 2 decimal places."

Match each number to the correct child.

Tina says that 3.24 can be written as 2 ones, 13 tenths and 4 hundredths.

Do you agree?

How else can you partition 3.24?
Think about exchanging between columns.

To be able to multiply numbers with up to three decimal places by 10, 100 and 1,000

	X 10	x100	x1000
6.4			
6.04			
6.004			

What do you notice?

What is the strategy?

- Fill in the table.

	X10	X100	X1000
0.1			
3.42			
5.36			
1.872			

- Find the value of the ▲ in each statement.

CHALLENGE

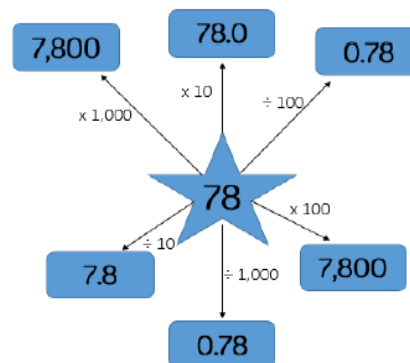
$$0.5 \times \blacktriangle = 500$$

- 3 Fill in the missing numbers in these calculations

$$32.4 \times \square = 324 \qquad 1.562 \times 1,000 = \square$$

$$\square \times 100 = 208 \qquad 4.3 \times \square = 86$$

- Tick the correct answers. Can you explain the mistakes with the incorrect answers?



- Complete the table.

	÷ 10	÷ 100	÷ 1000
789			
14			
60			
101			
		2.09	
3Kg			
	345.1		

To be able to divide numbers with up to three decimal places by 10, 100 and 1,000

	÷ 10	÷ 100	÷ 1000
6.4			
6.04			
6.004			

What do you notice?

What is the strategy?

CHALLENGE

Miss Northen says when you divide by 10, 100 and 1,000 you just knock off the zeros or move the decimal point. Do you agree?


Q17. Here are five number cards.

0.47	10	100	1000	4.07
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Use **four** of the cards to complete these calculations.

$$47 \div \square = \square$$

$$\square \times \square = 40.7$$

- Find the value of the  in each statement.

$$0.5 \times \triangle = 500$$

$$37.2 \div 100 = \triangle$$

$$8.4 \div \triangle = 0.084$$

Can you find a path from 6 to 0.6?

You cannot make diagonal moves.

6	x 10	x 10	÷ 100
÷ 10	x 100	x 100	÷ 10
x 10	÷ 10	÷ 1000	÷ 100
÷ 1000	x 1000	x 100	0.06

Is there more than one way?

Planning

I would like you to create an information text about yourself. I would like you to really take some time out to think about as a person. These bullet points will help you focus your thinking. On the next page, use your planning to create an information text about you.

- * Strengths / Improvement areas
- * Achievements
- * Food likes and dislikes
- * Friends, family and pets
- * Home life
- * Free time activities—sport, gaming, socialising,
- * Future dreams and goals
- * Inspirational people who have helped mould you into who you are today - mum/ dad/ family members
- * Character traits - resilience, hard working, kind, caring What makes you, you?

I would like you all to really sell yourselves here. I have loved teaching all of you and you all are very special with amazing qualities. Now is your time to share these!

All About Me

SPAG—exciting sentences

SPAG

Sentence type: 2A sentences

A 2A sentence has two adjectives preceding the first noun, followed by a further two adjectives preceding a second noun. This type of sentence is useful to create a strong image in the reader's mind.

**** This really improves the description in your writing****

Examples:

He was a tall, awkward man with an old, crimped jacket.

SPAG—exciting sentences

SPAG

Sentence type: similes

A simile sentence has a central simile which creates a strong image in the reader's mind.

**** This really improves the description in your writing****

Examples:

The moon hung above us like a patient, pale white face.

Although it was August, it was as cold as a late December evening.

SPAG—exciting sentences

SPAG

Sentence type: personification of weather sentences

To produce one of these, an element of weather, such as rain or wind, is given a human attribute.

**** This really improves the mood in a piece of writing****

Examples:

The rain wept down the window = sad mood

The wind screamed through the branches = tense mood

The breeze murmured through the branches = happy mood

The snow smothered the town = tense, claustrophobic mood

Year 3/year 4 statutory word list grouped by area

suffix -ly, -ally	-ible words	split digraph – long vowel sounds	Other words
accidentally actually occasion(ally) probably	possible	Two letters make one sound that are split (e.g. guide - 'i-e') arrive decide describe extreme guide surprise (review work from Year 1)	answer breath breathe build calendar complete consider continue early earth experiment group guard forward(s) fruit
'n' spelt as 'kn'	-ough letter strings enough though/although thought through (currently taught in Years 5/6)		
knowledge knowledgeable	Words from other countries	cross-curricular words earth eight/eighth fruit heart history increase minute natural opposite position quarter regular weight material experiment length	heard heart history imagine important increase island learn length material minute natural often particular peculiar perhaps popular potatoes promise purpose quarter regular remember sentence special (-tial words) straight strange strength surprise woman/women
-tion and -sion words mention occasion position possess(ion) question	bicycle (cycle - from the Greek for <i>wheel</i>) (bi-meaning 'two')		
'or' sound spelt 'ough' caught naughty (regional pronunciation)	'i' sound spelt as 'u' busy/business	's' sound spelt as 'c' before 'e', 'i' and 'y' bicycle centre century certain circle decide exercise experience medicine notice recent (review work from Year 2)	
'el', 'ey' and 'elgh' sounds eight/eighth reign weight height (exception)	adding prefixes (dis)appear (dis)believe (re)build (re)position		
adverbials therefore	unstressed vowels different favourite February interest library ordinary separate		
-ous words famous various	double consonants address appear arrive different difficult disappear grammar occasion opposite pressure suppose		

Spelling Champion 3/4 words

Task One: Write out any spelling words you need a quick reminder on.

Task Two: Write a variety of sentences using the above spellings.

Task Three: Play the Y6 Spelling Champion game against family members. Who will be the spelling champion? Tweet your results.

Year 5/year 6 statutory word list grouped by area

Unstressed vowels	Other words	ie are adjacent	-ous words
accommodate bruise category cemetery definite desperate dictionary embarrass environment exaggerate marvellous nuisance parliament privilege secretary vegetable	amateur average awkward bargain controversy curiosity develop forty guarantee harass hindrance identity individual interfere interrupt language leisure lightning muscle neighbour persuade programme queue recognise relevant restaurant rhyme rhythm shoulder signature stomach temperature twelfth vegetable vehicle yacht	soldier sufficient variety ancient foreign (exception to the pattern)	disastrous marvellous mischievous
		Double consonants	Words originating from other countries
		accommodate accompany according aggressive apparent appreciate attached committee communicate community correspond immediate occupy occur opportunity recommend suggest	conscience conscious desperate yacht
Unstressed consonants			Cross-curricular words
government			forty temperature twelfth
Suffixes and prefixes			-le words
according attached criticise (critic+ise) determined equip(-ment, -ped) especially frequently immediate(-ly) (un)necessary sincere(-ly)			available vegetable vehicle muscle
'i' before 'e' except after 'c' when the sound is 'ee'	-tion words	Word families	'c' makes 's' sound before 'l', 'e' and 'y'
achieve convenience mischievous (regional pronunciation, e.g. if use the 'ee' sound)	competition explanation profession pronunciation	familiar identity signature symbol (this is revision from year 3/year 4)	cemetery convenience criticise excellent existence hindrance necessary prejudice sacrifice
	-ough letter strings	'y' makes the 'i' as in 'bin' sound	
	thorough	physical symbol system (this is revision from year 3/year 4)	

Year 6

CHALLENGE!!!

Who out of Year 6 can find more words which are not on this list but follow the spelling rules? Tweet your responses.



Spelling Champion 5/6 spelling words

Task One: Write out any spelling words you need a quick reminder on.

Task Two: Write a variety of sentences using the above spellings.

Task Three: Play the Y6 Spelling Champion game against family members. Who will be the spelling champion? Tweet your results.