



Maths – Set the timer to see how quickly you can answer the following questions! They are all mental calculations and should require no written methods. This is now the third time you have completed a set of questions like this. Are you beating your time? Ready, set, go!

1) $2.4 \div 0.2 =$

16) $0.5 \times$ $= 2.5$

31) $9.9 \div 0.9 =$

2) $4 \times$ $= 1.6$

17) $0.9 \div 3 =$

32) $20 \times 11 =$

3) $11 \times 100 =$

18) $360 \div 60 =$

33) $5 \times 0.3 =$

4) $0.6 \div 2 =$

19) $10 \times 4 =$

34) $60 \times 7 =$

5) $30 \times 10 =$

20) $3 \times$ $= 270$

35) $700 \div 7 =$

6) $5 \div 0.5 =$

21) $1080 \div 12 =$

36) $600 \div 6 =$

7) $1 \times 10 =$

22) $50 \times 6 =$

37) $270 \div 9 =$

8) $0.2 \div 2 =$

23) $7 \times 0.6 =$

38) $8 \times 12 =$

9) $40 \div 10 =$

24) $770 \div 70 =$

39) $630 \div 90 =$

10) $160 \div 2 =$

25) $9 \times 0.9 =$

40) $10 \times$ $= 10$

11) $7 \times 90 =$

26) $2.7 \div 0.9 =$

41) $0.3 \times 9 =$

12) $60 \times 3 =$

27) $240 \div 6 =$

42) $6 \times 100 =$

13) $100 \div 5 =$

28) $70 \times$ $= 770$

43) $640 \div 8 =$

14) $40 \times 8 =$

29) $210 \div 30 =$

44) $120 \div 4 =$

15) $8 \times 3 =$

30) $9 \times 4 =$

45) $11 \times 0.5 =$

1. 12

16. 2.5

31. 11

2. 0.4

17. 0.3

32. 220

3. 1100

18. 6

33. 1.5

4. 0.3

19. 40

34. 420

5. 300	20. 90	35. 100
6. 10	21. 90	36. 100
7. 10	22. 300	37. 30
8. 0.1	23. 4.2	38. 96
9. 4	24. 11	39. 7
10.80	25. 8.1	40. 1
11.630	26. 3	41. 2.7
12.180	27. 40	42. 600
13.20	28. 11	43. 80
14.320	29. 7	44. 30
15.24	30. 36	45. 5.5

English – This week, we are going to focus on spelling. Today we are going to look at Prefixes. A prefix is a letter or group of letters that can be added to the beginning of a word to make a new word.

E.g. Sub (prefix) + marine (root word) = submarine

The spelling of the root word does not change when the prefix is added.

Prefixes can also make the root word have the opposite meaning.

E.g. im (prefix) + possible (root word) = impossible

Activity 1

Match each prefix to the correct root word and then write each word out 5 times to practise the spelling of each new word.

in	rational
il	perfect
im	effective
ir	literate
	responsible

irrational imperfect ineffective illiterate irresponsible

Activity 2

Add the prefix de-, dis-, mis- or un- to make each word below mean the opposite.

.....natural	unnatural
.....advantage	disadvantage
.....activate	deactivate
.....comfort	discomfort
.....lucky	unlucky
.....spell	misspell
.....understand	misunderstand
.....reliable	unreliable
.....agree	disagree

Activity 3

Complete the words in these sentences using the prefix trans-, pre- or over-. Then see if you can use each of the new words to make a sentence of your own.

1. It's impossible todict what will happen next. **predict**
2. The magicianformed his handkerchief into a small crocodile. **transformed**
3. The cake is a disaster – the top iscooked but the centre's raw. **overcooked**

4. Stonehenge is ahistoric monument in Wiltshire. **prehistoric**

5. When we moved house, our furniture wasported in a huge lorry. **transported**

Activity 4

Add the prefix anti-, auto-, re- or super- to each word and then use each word to make a new sentence.

-biography **autobiography**

-market **supermarket**

-social **antisocial**

-appear **disappear**

Foundations Subject – Science – So far in Science, you have done some research into some scientists who are linked to electricity and you have also thought carefully about electrical symbols and circuits. This week, I would like you to draw a detailed diagram of the inside of your house and colour code the items which are powered by mains electricity and those which are powered by another means of electricity, e.g. those items which are battery powered. Think very carefully! There are lots to choose from!

I am sure that you thought of lots of answers for this one! Here are some you may have drawn and labelled:

<u>Mains</u>	<u>Other</u>
TV	Mobile phone
computer	Remote control for TV/DVD player
Playstation/Xbox	iPad
light	kindle
oven	Computer controllers
microwave	Hand-held games
printer	

Well done! 😊