



BROAD HORIZON
— T U I T I O N —

11+ Basics Tuition

Year 4

Week 4

ANSWERS

Task 3 – Maths

Last lesson we covered column multiplication, use this to help you work out the appropriate sums. (Draw the table for column multiplication yourself)

1) $82 \times 1000 = 82000$

2) $9252 \times 10 = 92520$

3) $56000 \div 100 = 560$

4) $624 \times 1000 = 624000$

5) $32500 \div 10 = 3250$

6) $76 \times 5 = 380$

7) $99 \times 3 = 297$

8) $92 \times 4 = 368$

9) $6 \times 124 = 744$

10) $905 \times 3 = 2715$

Maths

Mental Arithmetic

MENTAL ARITHMETIC : YEAR 3 : AUTUMN TERM : WEEK 9					
Paper 17		Answer	Paper 18		Answer
1. Share 8 by 2.	4		1. Share 10 by 2.	5	
2. Share 16 by 2.	8		2. Share 20 by 2.	10	
3. What is one tenth of 40?	4		3. What is one tenth of 20?	2	
4. What is one tenth of 30?	3		4. What is one tenth of 60?	6	
5. An apple has been divided into four equal parts. What fraction is one part?	1/4		5. An orange has been divided into three equal parts. What fraction is one part?	1/3	
6. A large bottle of lemonade has been poured into 10 equal glasses. What fraction of the whole bottle is one glass?	1/10		6. A jelly has been divided into 5 equal dishes. What fraction of the whole jelly is one dish?	1/5	
7. What number is halfway between 4 and 5?	4½		7. What number is half way between 8 and 9?	8½	
8. What number is halfway between 12 and 13?	12½		8. What number is half way between 11 and 12?	11½	
9. How many quarters make one whole one?	4		9. How many halves make one whole one?	2	
10. How many fifths make one whole one?	5		10. How many tenths make one whole one?	10	

$$2 \overline{)154} \quad \begin{array}{r} 77 \\ 2 \overline{)154} \end{array}$$

$$5 \overline{)285} \quad \begin{array}{r} 57 \\ 5 \overline{)285} \end{array}$$

$$4 \overline{)332} \quad \begin{array}{r} 83 \\ 4 \overline{)332} \end{array}$$

$$4 \overline{)188} \quad \begin{array}{r} 47 \\ 4 \overline{)188} \end{array}$$

$$3 \overline{)99} \quad \begin{array}{r} 33 \\ 3 \overline{)99} \end{array}$$

$$5 \overline{)100} \quad \begin{array}{r} 20 \\ 5 \overline{)100} \end{array}$$

$$4 \overline{)52} \quad \begin{array}{r} 13 \\ 4 \overline{)52} \end{array}$$

$$2 \overline{)144} \quad \begin{array}{r} 72 \\ 2 \overline{)144} \end{array}$$

$$2 \overline{)32} \quad \begin{array}{r} 16 \\ 2 \overline{)32} \end{array}$$

$$3 \overline{)78} \quad \begin{array}{r} 26 \\ 3 \overline{)78} \end{array}$$

$$4 \overline{)224} \quad \begin{array}{r} 56 \\ 4 \overline{)224} \end{array}$$

$$5 \overline{)215} \quad \begin{array}{r} 43 \\ 5 \overline{)215} \end{array}$$

$$3 \overline{)276} \quad \begin{array}{r} 92 \\ 3 \overline{)276} \end{array}$$

$$3 \overline{)99} \quad \begin{array}{r} 33 \\ 3 \overline{)99} \end{array}$$

$$3 \overline{)42} \quad \begin{array}{r} 14 \\ 3 \overline{)42} \end{array}$$

$$5 \overline{)225} \quad \begin{array}{r} 45 \\ 5 \overline{)225} \end{array}$$

$$2 \overline{)170} \quad \begin{array}{r} 85 \\ 2 \overline{)170} \end{array}$$

$$4 \overline{)92} \quad \begin{array}{r} 23 \\ 4 \overline{)92} \end{array}$$

$$5 \overline{)65} \quad \begin{array}{r} 13 \\ 5 \overline{)65} \end{array}$$

$$2 \overline{)42} \quad \begin{array}{r} 21 \\ 2 \overline{)42} \end{array}$$

$$3 \overline{)213} \quad \begin{array}{r} 71 \\ 3 \overline{)213} \end{array}$$

$$3 \overline{)165} \quad \begin{array}{r} 55 \\ 3 \overline{)165} \end{array}$$

$$2 \overline{)136} \quad \begin{array}{r} 68 \\ 2 \overline{)136} \end{array}$$

$$4 \overline{)280} \quad \begin{array}{r} 70 \\ 4 \overline{)280} \end{array}$$

$$2 \overline{)52} \quad \begin{array}{r} 26 \\ 2 \overline{)52} \end{array}$$

$$4 \overline{)72} \quad \begin{array}{r} 18 \\ 4 \overline{)72} \end{array}$$

$$5 \overline{)375} \quad \begin{array}{r} 75 \\ 5 \overline{)375} \end{array}$$

$$4 \overline{)264} \quad \begin{array}{r} 66 \\ 4 \overline{)264} \end{array}$$

$$5 \overline{)285} \quad \begin{array}{r} 57 \\ 5 \overline{)285} \end{array}$$

$$4 \overline{)120} \quad \begin{array}{r} 30 \\ 4 \overline{)120} \end{array}$$

$$2 \overline{)198} \quad \begin{array}{r} 99 \\ 2 \overline{)198} \end{array}$$

$$5 \overline{)250} \quad \begin{array}{r} 50 \\ 5 \overline{)250} \end{array}$$

$$3 \overline{)165} \quad \begin{array}{r} 55 \\ 3 \overline{)165} \end{array}$$

$$4 \overline{)280} \quad \begin{array}{r} 70 \\ 4 \overline{)280} \end{array}$$

$$3 \overline{)66} \quad \begin{array}{r} 22 \\ 3 \overline{)66} \end{array}$$

$$5 \overline{)185} \quad \begin{array}{r} 37 \\ 5 \overline{)185} \end{array}$$

$$5 \overline{)320} \quad \begin{array}{r} 64 \\ 5 \overline{)320} \end{array}$$

$$2 \overline{)28} \quad \begin{array}{r} 14 \\ 2 \overline{)28} \end{array}$$

$$3 \overline{)204} \quad \begin{array}{r} 68 \\ 3 \overline{)204} \end{array}$$

$$2 \overline{)106} \quad \begin{array}{r} 53 \\ 2 \overline{)106} \end{array}$$

$$3 \overline{)90} \begin{array}{r} 30 \\ \underline{90} \\ 0 \end{array}$$

$$4 \overline{)320} \begin{array}{r} 80 \\ \underline{320} \\ 0 \end{array}$$

$$2 \overline{)114} \begin{array}{r} 57 \\ \underline{114} \\ 0 \end{array}$$

$$4 \overline{)224} \begin{array}{r} 56 \\ \underline{224} \\ 0 \end{array}$$

$$5 \overline{)165} \begin{array}{r} 33 \\ \underline{165} \\ 0 \end{array}$$

$$2 \overline{)102} \begin{array}{r} 51 \\ \underline{102} \\ 0 \end{array}$$

$$2 \overline{)136} \begin{array}{r} 68 \\ \underline{136} \\ 0 \end{array}$$

$$4 \overline{)56} \begin{array}{r} 14 \\ \underline{56} \\ 0 \end{array}$$

$$3 \overline{)87} \begin{array}{r} 29 \\ \underline{87} \\ 0 \end{array}$$

$$5 \overline{)265} \begin{array}{r} 53 \\ \underline{265} \\ 0 \end{array}$$

$$3 \overline{)255} \begin{array}{r} 85 \\ \underline{255} \\ 0 \end{array}$$

$$2 \overline{)116} \begin{array}{r} 58 \\ \underline{116} \\ 0 \end{array}$$

$$2 \overline{)28} \begin{array}{r} 14 \\ \underline{28} \\ 0 \end{array}$$

$$5 \overline{)230} \begin{array}{r} 46 \\ \underline{230} \\ 0 \end{array}$$

$$5 \overline{)115} \begin{array}{r} 23 \\ \underline{115} \\ 0 \end{array}$$

$$3 \overline{)159} \begin{array}{r} 53 \\ \underline{159} \\ 0 \end{array}$$

$$5 \overline{)230} \begin{array}{r} 46 \\ \underline{230} \\ 0 \end{array}$$

$$4 \overline{)188} \begin{array}{r} 47 \\ \underline{188} \\ 0 \end{array}$$

$$3 \overline{)264} \begin{array}{r} 88 \\ \underline{264} \\ 0 \end{array}$$

$$4 \overline{)336} \begin{array}{r} 84 \\ \underline{336} \\ 0 \end{array}$$

Short Divison

1. $498 \div 3 = \underline{166}$
2. $498 \div 4 = \underline{124 \text{ r } 2}$
3. $498 \div 6 = \underline{83}$
4. $498 \div 8 = \underline{62 \text{ r } 2}$
5. $498 \div 12 = \underline{41 \text{ r } 6}$
6. 100 packs
7. 46 packs
8. Yes
9. Multiple answers possible.

English Comprehension

- 1 Bryony, Jane
- 2 for talking late
- 3 the Middle Ages
- 4 *She was worried about sharing a room with girls she didn't know.*
- 5 (1) the mining museum, (2) canoeing on the Wye, (3) the leisure centre, (4) Wentbury Castle
- 6 *She liked the leisure centre because the water slides were very good.*
- 7 *It was uncomfortable and cold.*
- 8 unhappy
- 9 unkind
- 10 unafraid
- 11 unfair
- 12 untidy
- 13 uncooked
- 14-17 *The conjunctions when, but, because and while circled*
- 18 midnight – middle of the night
- 19 diamond – a hard precious stone
- 20 starling – a common European bird
- 21 affection – a feeling of fondness
- 22 umbrella – a shelter from the rain
- 23 queue – a line of people
- 24 bushes
- 25 monster
- 26 bus
- 27 flies
- 28 knives
- 29-30 fish

Grammar

11 Adjectives 1 p14

- 1 Colour: orange / green / pink
Size: tiny / enormous / medium
Mood: cheerful / cross / miserable
- 2 a crimson b happy c huge
- 3 quickly, noisily, large, broken, shouted, careful, excited, muddy