

Multiplying

Solve these multiplications.

1 $24 \times 5 = \boxed{120}$

5 $92 \times 30 = \boxed{2760}$

2 $16 \times \boxed{20} = 320$

6 $165 \times \boxed{4} = 660$

3 $\boxed{22} \times 20 = 440$

7 $84 \times 29 = \boxed{2436}$

4 $75 \times 8 = \boxed{600}$

8 $44 \times 99 = \boxed{4356}$

Adventure trip challenge!

Seven friends are planning an adventure trip.

Calculate the cost for all seven of them to do each activity. Show your workings.

Activity	Climbing	Canoeing	High ropes	Sailing	Abseiling
Cost per person	£16.75	£18.50	£24.69	£47.23	£38.06

9

Climbing
£ 1 6 . 7 5
× 7
4 5 3

£ 1 1 7 . 2 5

10

Canoeing
£ 1 8 . 5 0
× 7
5 3

£ 1 2 9 . 5 0

11

High ropes
£ 2 4 . 6 9
× 7
3 4 6

£ 1 7 2 . 8 3

12

Sailing
£ 4 7 . 2 3
× 7
5 1 2

£ 3 3 0 . 6 1

13

Abseiling
£ 3 8 . 0 6
× 7
5 4

£ 2 6 6 . 4 2

Adventure trip challenge!

14 What is the total cost of the trip?

£	1	1	7	·	2	5	
£	1	2	9	·	5	0	
£	1	7	2	·	8	3	
£	3	3	0	·	6	1	
+	£	2	6	6	·	4	2
		2	2	2		1	
<hr/>							
£	1	0	1	6	·	6	1

15 If they get a 10% discount what will the cost be?

£1016.61 ÷ 10 = £101.661

0		5		5		0			
£	1	¹ 0	1	6	·	6	1	0	
-	£		1	0	1	·	6	6	1
<hr/>									
£		9	1	4	·	9	4	9	

Rounded to nearest 1p: £914.95

Long multiplication

Use rounding to make an estimate first.



Use long multiplication to solve the calculations below.

16	17	18
Estimate:	Estimate:	Estimate:
4 9 0 7	7 9 3 2	2 8 6 0
× 1 5	× 1 6	× 1 3
4 9 0 7 0	7 9 3 2 0	2 8 6 0 0
2 4 ⁴ 5 3 ³ 5	4 7 ⁵ 5 ¹ 9 ¹ 2	8 ² 5 ¹ 8 0
1 1	1 1	1 1
7 3 6 0 5	1 2 6 9 1 2	3 7 1 8 0

Estimates: any reasonable answers based on rounding.

I found this:

Easy
 Challenging
 I needed help