

Year 3 Homework Answer:

Module 7: How to solve division when divisor is a 1-digit number

1.

17	24	9
14	16	120
180	135	108
230	138	90
440	220	110
486	324	162

2.

$42 \div 7 = \$6$
$300 \div 5 = 60 \text{ kg}$
$657 \div 9 = 73 \text{ hours}$ $73 \times 3 = 219 \text{ hours}$

3.

$$275 \div 5 = 55 \text{ km/hour}$$

4.

302	209	117
115	138	123

5.

$$(277 + 255) \div 4 = \$133$$

6.

Toby walks faster

7.

$$348 \div 4 = \$87$$

8.

$$42 \div 5 = 8R2$$

They need to hire 9 boats

9.

Cathy: 96 → 8min; 288 → 24min

Luke: 78 → 6min; 312 → 24min

Luke solved the problems faster

10.

$$1 \text{ ton} = 1000 \text{ kg}$$

$$1000 \div 5 = 200 \text{ bags}$$

11.

$$4\text{L} = 4000 \text{ ml}$$

$$4000 \div 8 = 500 \text{ ml/cup}$$

12.

$$6 \text{ km} = 6000 \text{ m}$$

$$6000 \div 400 = 15 \text{ laps}$$

13.

$$585 - 5 = 580 \text{ bottles}$$

$$580 \div 4 = 145$$

$$\text{Juice at the start: } 145 + 5 = 150 \text{ bottles}$$

14.

$$52 \div 2 = 26 \text{ students}$$

15.

$$\text{Dave: } 5 \rightarrow 45 \text{ seconds; } 45 \div 5 = 9 \text{ s/question}$$

$$\text{Fiona: } 6 \rightarrow 60 \text{ seconds; } 60 \div 6 = 10 \text{ s/question}$$

Dave did faster.