

Year 4 Homework Answer

**Module 3: 3-digit numbers multiplied by a 2-digit number**

1.

80	160	320	170
160	320	640	340
1600	3200	6400	3400

2.

650	6500	65000	130000
180	1800	18000	180000
420	4200	42000	210000

3.

2720	2832	10885	2916
9800	9396	13356	11753
21420	13464	16330	4532

4.

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5.

10	20	10
4	20	20
34	10	500

6.

14763	32142	66134	97812
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7.

N/A

8.

$$415 \times 2 \times 5 = 4150 \text{ m}$$

9.

$$\text{At least: } 52 \times 31 = 1612$$

$$\text{At most: } 240 \times 31 = 7440$$

Range: 1612 to 7440 pairs of shoes.

10.

$$3000 \times 365 = 1095000 \text{ m}$$

$$1095000 \text{ m} = 1095 \text{ km}$$

11.

$$47 \times 600 = 28200 \text{ dollars}$$

12.

$$9800 \times 120 = 1176000 \text{ dollars}$$

13.

$$1000 - 800 = 200 \text{ dollars more per week}$$

$$200 \times 52 = 10400 \text{ dollars more than before}$$

14.

$$\text{Energysport: } 800 \times 58 = 46400 \text{ dollars}$$

$$\text{Sunshine: } 750 \times 60 = 45000 \text{ dollars}$$

15.

$$450 \times 14 = 6300 \text{ screws}$$

16.

$$20 + 50 + 70 = 140 \text{ kg}$$

$$140 \times 14 = 1960 \text{ dollars}$$

17.

a)

$$200 \times 7 = 1400 \text{ eggs in one week}$$

$$1400 \times 45 = 63000 \text{ grams}$$

b)  $200 \times 31 = 6200 \text{ eggs in a month}$

$$6200 \times 20 = 124000 \text{ cents}$$

$$124000 \text{ cents} = 1240 \text{ dollars}$$

18.

a)  $1250 \times 30 = 37500 \text{ calories}$

b)  $1180 \times 30 = 35400 \text{ calories}$

c) She cannot achieve her goal.