

Green challenge- Finding 50% and 25%

Find 50% of the following amounts:

1. 50% of 6 = **3**

2. 50% of 10 = **5**

3. 50% of 8 = **4**

4. 50% of 16 = **8**

5. 50% of 22 = **11**

6. 50% of 30 = **15**

Find 25% of the following amounts:

7. 25% of 8 = **2**

8. 25% of 12 = **3**

9. 25% of 20 = **5**

10. 25% of 24 = **6**

11. 25% of 28 = **7**

12. 25% of 40 = **10**

True or false? Explain how you know:

To find 25% of an amount I can divide the amount by 2 and then divide it by 2 again.

True.

25% =

To find 25% of an amount we divide by 4. We can also find $\frac{1}{4}$ by dividing by 2 and dividing by 2 again.

Orange Challenge- Finding 50%,25% and 10%

Find 50% of the following amounts:

1. 50% of 16 = **8**

1. 50% of 30 = **15**

1. 50% of 28 = **14**

1. 50% of 66 = **33**

1. 50% of 72 = **36**

1. 50% of 120 = **60**

Find 25% of the following amounts:

1. 25% of 28 = **7**

1. 25% of 44 = **11**

1. 25% of 36 = **9**

1. 25% of 140 = **35**

1. 25% of 128 = **32**

1. 25% of 220 = **55**

Find 10% of the following amounts:

1. 10% of 40 = **4**

1. 10% of 65 = **6.5**

1. 10% of 84 = **8.4**

1. 10% of 130 = **13**

1. 10% of 243 = **24.3**

1. 10 % of 350 = **35**

True or false? Explain how you know:

$10\% \text{ of } 240 = 1\% \text{ of } 2400$

True.

$240 \div 10 = 24$ is the same as $2400 \div 100 = 24$

Red Challenge- Finding 50%,25%, 10% and 1%

Fill in the table below

Amount	50%	25%	10%	1%
140	70	35	14	1.4
264	132	66	26.4	2.64
148	74	37	14.8	1.48
1468	734	367	146.8	14.68
632	316	158	63.2	6.32
8760	4380	2190	876	87.6
7550	3775	1887.5	755	75.5
4920	2460	1230	492	49.2