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|----|---------------|--------------|------|
| 10 | a) 20% of 50 | b) 40% of 45 | 18 |
| 54 | c) 60% of 90 | d) 30% of 66 | 19.8 |
| 35 | e) 25% of 140 | f) 15% of 80 | 12 |

Some children are asked to find 75% of 340

$$\begin{array}{r} 6.6 \\ 6.6 \\ 6.6 \\ \hline 19.8 \\ 1 \end{array}$$



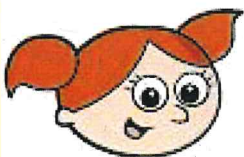
I will find 25% and multiply it by 3

$$25\% = \frac{1}{4}$$

$$4 \overline{) 340} \begin{array}{r} 085 \\ \hline \end{array}$$

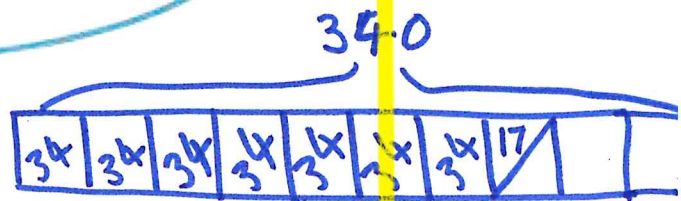
a) Use Dexter's method to find 75% of 340

$$\begin{array}{r} 85 \\ \times 3 \\ \hline 255 \\ \hline 21 \end{array}$$



I will find 10% and multiply it by 7, then find 5% and add them together.

b) Use Alex's method to find 75% of 340



$$\begin{array}{r} 34 \\ \times 7 \\ \hline 238 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 238 \\ + 17 \\ \hline 255 \\ \hline 1 \end{array}$$

In a class of 30 children, 60% of the children are girls. How many girls are there in the class?

18



$$60\% \text{ of } 30$$

$$10\% = 3 \times 6 = 18$$

Toronto FC have lost 25% of their games. If they have played 16 games, how many have they lost?

4



$$25\% \text{ of } 16$$

$$\frac{1}{4}$$

$$16 \div 4 = 4$$

Frazer scores 70% in a spelling test with 20 questions. How many did he get right?

14

$$70\% \text{ of } 20$$

$$10\% = 2$$

$$2 \times 7 = 14$$



250 000 people visited a theme park in one year.

15% of the people visited in April and

40% of the people visited in August.

How many people visited the park in the rest of the year?

112,500 people

$$\begin{array}{r} 100,000 \\ + 12,500 \\ \hline 112,500 \end{array}$$

$$15 + 40 = 55$$

so

$$100 - 55 = 45\%$$

rest of year.

$$10\% \text{ of } 250,000$$

$$= 25,000$$

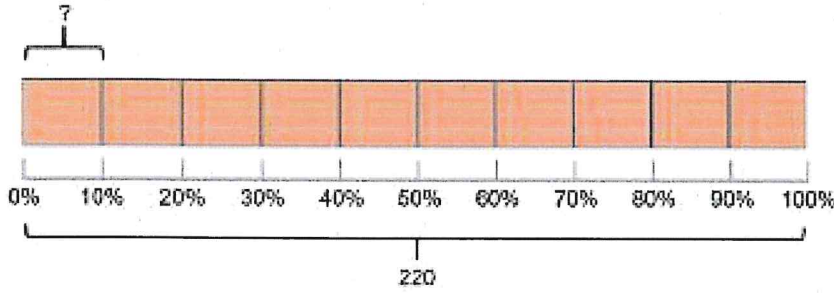
$$\times 4$$

$$\begin{array}{r} 100,000 \\ \hline 2 \end{array}$$

$$5\% =$$

$$12,500$$

Mo uses a bar model to find 30% of 220



10% of 220 = 22, so 30% of 220 = 3 × 22 = 66

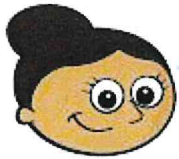
Use Mo's method to calculate:

40% of 220
 $10\% = 22$
 $22 \times 4 = \underline{88}$

20% of 110
 $10\% = 11$
 $11 \times 2 = \underline{22}$

30% of 440
 $10\% = 44$
 $44 \times 3 = \underline{132}$

90% of 460
 $10\% = 46$
 $46 \times 9 = \underline{414}$



To find 5% you can find 10% and then halve it.

Use Dora's method to complete the calculations.

5% of 20 = 1 $10\% = 2$

5% of 40 = 2 $10\% = 4$

5% of 100 = 5 $10\% = 10$

5% of 420 = 21 $10\% = 42$