Tuesday Worksheet **Fractions of number** **9/2/21**

1. I know that $\frac{1}{2}$ of 10 = 5
   Therefore I know 10÷2 = 5

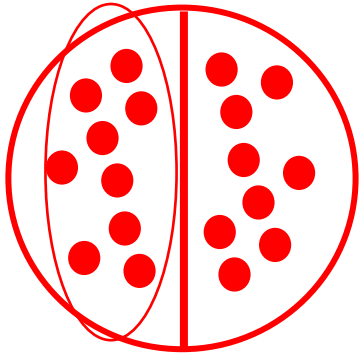
   I know $\frac{1}{4}$ of 16 = 4
   Therefore I know 16÷4 = 4

   I know $\frac{1}{2}$ of 24 = 12
   Therefore I know 24÷2 = 12

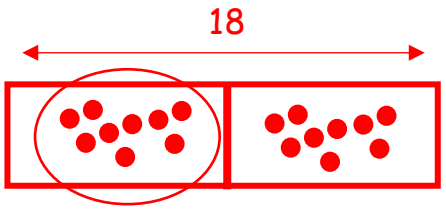
   I know $\frac{1}{4}$ of 12 = 3
   There for I know 12÷ 4 = 3

2. What is $\frac{1}{2}$ of 18? 9

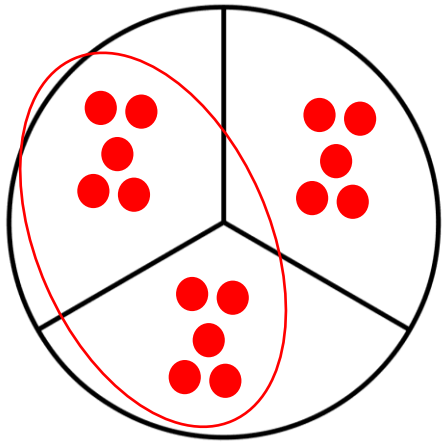
Show your working out.



or



3. What is $\frac{2}{3}$ of 15? Use the diagram to help you work it out.



$\frac{2}{3}$ of 15 = 10

4. 30 sweets shared between 3 people means each person gets 10 sweets each.
   Show this as a number sentence, using a fraction.

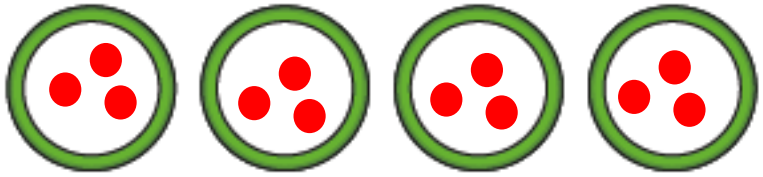
$\frac{1}{3}$ of 30 = 10

5 Year 2 are planting sunflower seeds.

Annie has 4 pots and 12 seeds.

She plants the same number of seeds in each pot.

a) Draw the seeds she puts in each pot.



b) Complete the number sentences.

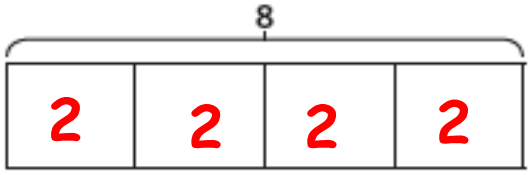
$\frac{1}{4}$ of 12 = **3**

$\frac{3}{4}$ of 12 = **9**

6 The bar model is split into 4 equal parts.

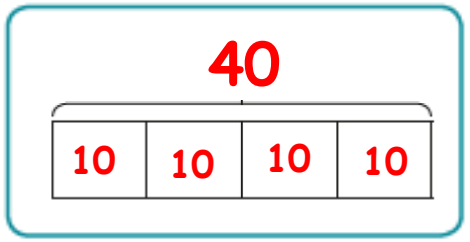
a) What is the value of each part?

Label it on the bar model.



b) Use the bar model to find $\frac{3}{4}$ of 8 **6**

7 Draw a bar model to find $\frac{3}{4}$ of 40



$\frac{3}{4}$ of 40 = **30**

8 Write <, > or = to compare the statements.

a) $\frac{1}{4}$ of 4 **<** $\frac{3}{4}$ of 4

b) $\frac{1}{2}$ of 20 **<** $\frac{3}{4}$ of 20

9 Scott has some seeds.

He puts $\frac{3}{4}$ of the seeds into his hand.

He puts the rest of the seeds on the table.

How many seeds does Scott have in his hand?

Use a bar model to help you. **18**