Name _____      Date _____

Solve using a tape diagram.

a.   $\frac{3}{5}$ of 30 $= \boxed{18}$
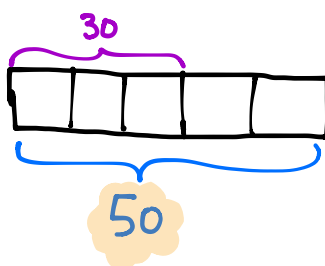


30

| 6 | 6 | 6 | 6 | 6 |
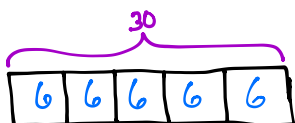
5 units = 30
1 unit $= \frac{30}{5} = 6$
3 units $= 3 \times 6 = 18$

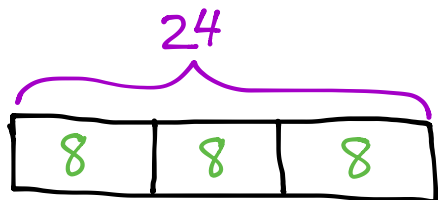b.   $\frac{3}{5}$ of a number is 30. What's the number?



30

50

3 units = 30
1 unit $= \frac{30}{3} = 10$
5 units $= 5 \times 10 = 50$

c.   Mrs. Johnson baked 2 dozen cookies. Two-thirds of the cookies were oatmeal. How many oatmeal cookies did Mrs. Johnson bake?

24

| 8 | 8 | 8 |

3 units $= 24$
1 unit $= \frac{24}{3} = 8$
2 units $= 2 \times 8 = 16$

Mrs. Johnson baked 16 oatmeal cookies.