

Fractions of Numbers

Calculate the fractions of the following numbers.

e.g. $\frac{1}{4}$ of 24 = $24 \div 4 = 6$

$\frac{1}{5}$ of 30 = $30 \div 5 = 6$

1. $\frac{1}{5}$ of 45 =

2. $\frac{1}{4}$ of 36 =

3. $\frac{1}{8}$ of 24 =

4. $\frac{1}{3}$ of 33 =

5. $\frac{1}{6}$ of 42 =

6. $\frac{1}{4}$ of 28 =

7. $\frac{1}{9}$ of 54 =

8. $\frac{1}{3}$ of 27 =

9. $\frac{1}{2}$ of 86 =

10. $\frac{1}{5}$ of 60 =

11. $\frac{1}{8}$ of 72 =

12. $\frac{1}{6}$ of 36 =

To find $\frac{3}{4}$ of 24, First do $24 \div 4 = 6$ and then multiply the answer by 3 i.e. 18.

So you **D**ivide by the **B**ottom and **M**ultiply the **A**nswer by the **T**op
(**DBMAT**)

So $24 \div 4 = 6$, $6 \times 3 = 18$ so $\frac{3}{4}$ of 24 = 18

Now use the DBMAT method to calculate:

1. $\frac{3}{5}$ of 15 =

2. $\frac{3}{4}$ of 16 =

3. $\frac{5}{8}$ of 32 =

4. $\frac{5}{6}$ of 24 =

5. $\frac{3}{5}$ of 45 =

6. $\frac{3}{8}$ of 40 =

7. $\frac{3}{4}$ of 36 =

8. $\frac{4}{5}$ of 55 =

9. $\frac{7}{8}$ of 24 =

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So $24 \div 4 = 6$, $6 \times 3 = 18$ so $\frac{3}{4}$ of 24 = 18

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1. $\frac{3}{5}$ of =

2. $\frac{3}{4}$ of =

3. $\frac{5}{8}$ of =

4. $\frac{5}{6}$ of =

5. $\frac{3}{5}$ of =

6. $\frac{3}{8}$ of =

7. $\frac{3}{4}$ of =

8. $\frac{4}{5}$ of =

9. $\frac{7}{8}$ of =