

Date:

Name

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Expressing One Number as a Fraction of Another Number Worksheet

(Core)

Questions (show all working)

1) Write 2 as a fraction of 8. Give the fraction in its simplest form.

2) Write 8 as a fraction of 24 . Give the fraction in its simplest form.

3) Write 6 as a fraction of 12 . Give the fraction in its simplest form.

4) Write 6 as a fraction of 15 . Give the fraction in its simplest form.

5) Happy Raptor got 10 marks in his test. The test was out of a total of 25 marks. In its simplest form, what was Happy Raptor's score as a fraction?

6) On the far and distant planet of Doonce there are 40 males and 60 females. In its simplest form, what is the male population of Doonce expressed as a fraction?

7) A tiny ant has managed to collect 32 seeds from a pot which originally contained a total of 40 seeds. Expressed as a fraction in its simplest form, how many seeds did the ant collect?

8) An enthusiastic reader of historical fiction novels, Myerpreet read 40 pages during Friday morning before school, and 100 pages in total for that day. Expressed as a fraction in its simplest form, how many pages did Myerpreet read in the morning out of the total number of pages read during the entire day?

Answers

[1] $\frac{1}{4}$ (fully simplified from $\frac{2}{8}$)

[2] $\frac{1}{3}$ (fully simplified from $\frac{8}{24}$)

[3] $\frac{1}{2}$ (fully simplified from $\frac{6}{12}$)

[4] $\frac{2}{5}$ (fully simplified from $\frac{6}{15}$)

[5] $\frac{2}{5}$ (fully simplified from $\frac{10}{25}$)

[6] $\frac{2}{5}$ (fully simplified from $\frac{40}{100}$)

[7] $\frac{4}{5}$ (fully simplified from $\frac{32}{40}$)

[8] $\frac{2}{5}$ (fully simplified from $\frac{40}{100}$)