

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 5 as a fraction of 10 . Give the fraction in its simplest form.

3) Write 7 as a fraction of 28 . Give the fraction in its simplest form.

4) Write 15 as a fraction of 20 . Give the fraction in its simplest form.

5) Happy Humphrey got 18 marks in his test. The test was out of a total of 24 marks. In its simplest form, what was Happy Humphrey's score as a fraction?

6) On the far and distant subterranean kingdom called Peexe there are 90 males and 30 females. In its simplest form, what is the male population of Peexe expressed as a fraction?

7) A tiny hamster 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 hamster collect?

8) An enthusiastic reader of historical fiction novels, Myerpre read 40 pages during Friday morning before school, and 60 pages in total for that day. Expressed as a fraction in its simplest form, how many pages did Myerpre 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] $\frac{1}{2}$ (fully simplified from $\frac{5}{10}$)

[3] $\frac{1}{4}$ (fully simplified from $\frac{7}{28}$)

[4] $\frac{3}{4}$ (fully simplified from $\frac{15}{20}$)

[5] $\frac{3}{4}$ (fully simplified from $\frac{18}{24}$)

[6] $\frac{3}{4}$ (fully simplified from $\frac{90}{120}$)

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

[8] $\frac{2}{3}$ (fully simplified from $\frac{40}{60}$)