

Name: ..... Class: .....

Fractions Of A Whole Word Problems

a.

A test has 20 questions of equal magnitude. Francisco answered 7 questions within the space of 9 minutes.

What fraction of the test did he solve already?

b.

A novel has 17 chapters of equal length. You read 4 chapters.

What fraction of the book have you not read?

c.

Tobias and her sister love chocolate cake too much. On her sister's birthday, their mother baked a very large delicious chocolate cake and divided it into 18 equal pieces. Her sister ate 6 pieces and Tobias ate 4 pieces.

What fraction of the cake did Tobias eat?

d.

Ivy is very happy with her collection of 11 rare stones of equal size and shape she collected from the beach on their last vacation to Hawaii. She showed her brother and he was so amazed at his collection and took away 8 stones to show his friends at school.

What fraction of the stones did her brother took away?

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a. Number of questions he answered within 9 minutes = 7.

Total number of questions the test has = 20.

Therefore, fraction of the test he already solved =

$$\frac{\text{number of questions he answered (numerator)}}{\text{total number of questions the test has (denominator)}} \\ = \frac{7}{20}$$

So, he already solved  $\frac{7}{20}$  of the test.

b. You have not read  $\frac{13}{17}$  of the book.

c. Tobias ate  $\frac{2}{9}$  of the cake.

d. Her brother took  $\frac{8}{11}$  of the stones.