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Fractions and Decimals Practice Test 2: Question Answers

Fractions and Decimals Practice Test Question Answers

Test- 2

1. How many $\frac{2}{3}$ kg pieces can be cut from a cake of weight 4 kg?

A. 2

B. 6

C. 8

D. 10

e. 12

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2. Lisa had a piece of rope length of 9.5 m. She needed some small pieces of rope of length 1.9 m each. How many pieces of the required length will she get out of this rope?

A. 3 pieces

B. 5 pieces

C. 7 pieces

D. 9 pieces

E. 13 pieces

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3. Olivia uses $\frac{3}{4}$ m of cloth to stitch a shirt. How many shirts can she make with $2\frac{1}{4}$ m cloth?

A. 1

B. 2

C. 3

D. 4

E. 5

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4. If the fraction of the frequencies of two notes has a common factor between the numerator and denominator, the two notes are harmonious. Use the graphic below to find the fraction of the frequency of notes D and B.



A. $\frac{3}{5}$

B. $\frac{5}{3}$

C. $\frac{1}{5}$

D. $\frac{3}{1}$

E. $\frac{1}{3}$

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5. Abigail said that we have gone about 120km or $\frac{2}{3}$ of the way to the camp site. So, how much farther do we have to go?

A. 20 km

B. 40 km

C. 60 km

D. 80 km

E. 100 km

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6. One KG Ice cream packet requires $2\frac{1}{2}$ milks of flour and $1\frac{2}{3}$ cups of sugar. Estimated total quantity of both ingredients used in 10 such packets of Ice cream will be

- | | |
|--|--|
| <input type="radio"/> A. between 10 cups and 20 cups | <input type="radio"/> B. between 20 cups and 30 cups |
| <input type="radio"/> C. between 30 cups and 40 cups | <input type="radio"/> D. between 40 cups and 50 cups |
| <input type="radio"/> E. above 50 cups | |

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7. The following diagram interprets



- | | |
|---|---|
| <input type="radio"/> A. $3 \div \frac{1}{3}$ | <input type="radio"/> B. $\frac{3}{5} \div 3$ |
| <input type="radio"/> C. $\frac{1}{3} \times 4$ | <input type="radio"/> D. $5 \div \frac{3}{5}$ |
| <input type="radio"/> E. $3 \times \frac{1}{4}$ | |

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8. Ava ate $\frac{2}{7}$ part of a cake while her friend Emma ate $\frac{4}{5}$ of the remaining. Find out the part of the cake is left.

- | | |
|--|--|
| <input type="radio"/> A. $\frac{1}{2}$ | <input type="radio"/> B. $\frac{2}{3}$ |
| <input type="radio"/> C. $\frac{1}{5}$ | <input type="radio"/> D. $\frac{2}{7}$ |
| <input type="radio"/> E. $\frac{1}{7}$ | |

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9. $2.001 \div 0.003$

<input type="radio"/> A. 0.667	<input type="radio"/> B. 6.67
<input type="radio"/> C. 06.67	<input type="radio"/> D. 667
<input type="radio"/> E. 6677	

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<p>10. In a boy's hostel (40 student), $\frac{1}{5}$ of students like to eat veg only, $\frac{2}{5}$ of the total number of students like to eat non-veg only and the remaining students like to eat both. What fraction of the total number of students like to eat both?</p>	
<input type="radio"/> A. $\frac{1}{5}$	<input type="radio"/> B. $\frac{2}{3}$
<input type="radio"/> C. $\frac{1}{3}$	<input type="radio"/> D. $\frac{1}{2}$
<input type="radio"/> E. $\frac{2}{5}$	

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Answer Keys: <https://gotestprep.com/fractions-and-decimals-test-2/>

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