

Rational numbers

Name: _____ Marks: _____

1 A cyclist covers $9\frac{2}{5}$ miles in the morning and $6\frac{3}{10}$ miles in the evening. How far did the cyclist travel in total?

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2 A class drinks $\frac{2}{3}$ of a gallon of milk and another $\frac{1}{2}$ gallon of orange juice. How much liquid did they drink in total?

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3 A cyclist covers $8\frac{1}{4}$ miles in the morning and $6\frac{3}{5}$ miles in the afternoon. How far does the cyclist travel in total?

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4 A family drank $\frac{3}{8}$ of a gallon of milk in the morning and $\frac{1}{4}$ in the evening. How much milk was consumed in total?

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5 A recipe requires $\frac{3}{4}$ of a cup of sugar for one cake. How much sugar is needed for 4 cakes?

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6 A farmer harvested $18\frac{1}{2}$ tons of potatoes and $14\frac{3}{4}$ tons of carrots. How many tons of vegetables were harvested in total?

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7 A rectangle has a length of $6\frac{2}{5}$ meters and a width of $3\frac{3}{10}$ meters. What is the perimeter of the rectangle?

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8 A runner completes $9\frac{3}{5}$ miles on one track and $7\frac{2}{5}$ miles on another track. How far did the runner go in total?

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9 A jar contains $4\frac{1}{2}$ cups of sugar. If you use $2\frac{3}{4}$ cups, how much sugar is left?

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10 A box contains $12\frac{3}{4}$ pounds of flour. After using $8\frac{1}{2}$ pounds, how much flour is left?

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- 11 A baker uses $\frac{3}{8}$ of a bag of flour for cookies and $\frac{1}{4}$ of a bag for bread. How much flour is used in total?

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- 12 A box of cereal weighs $2\frac{3}{4}$ pounds. If $1\frac{1}{2}$ pounds are used, how much cereal remains?

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- 13 A runner completes $11\frac{1}{4}$ miles in the morning and $14\frac{2}{3}$ miles in the evening. How far did the runner go in total?

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- 14 Sarah jogged $5\frac{3}{4}$ miles on Monday and $4\frac{1}{2}$ miles on Wednesday. How far did she jog in total?

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- 15 Lily bought $\frac{3}{5}$ of a pound of almonds and $\frac{2}{3}$ of a pound of walnuts. How many pounds of nuts did she buy in total?

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