

Rational numbers

Name: _____ Marks: _____

1 A marathon runner drank $\frac{1}{3}$ of a liter of water in the first hour and $\frac{3}{4}$ of a liter in the second hour. How much water did the runner drink in total?

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2 A bottle contains $2\frac{1}{2}$ liters of juice. If $1\frac{3}{4}$ liters are poured out, how much juice is left?

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3 A bottle contains $3\frac{3}{4}$ liters of water. If $1\frac{1}{2}$ liters are poured out, how much water remains?

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4 A bakery sold $6\frac{2}{3}$ loaves of bread in the morning and $4\frac{5}{6}$ loaves in the evening. How many loaves were sold in total?

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5 A bakery made $12\frac{1}{2}$ dozen cookies. If $8\frac{3}{4}$ dozen were sold, how many dozen remain?

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6 A class drinks $\frac{3}{4}$ of a gallon of juice and another $\frac{2}{5}$ gallon during lunch. How much juice is consumed in total?

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7 A class collected $5\frac{1}{4}$ pounds of paper for recycling on Monday and $3\frac{3}{5}$ pounds on Tuesday. How much paper was collected in total?

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8 A farmer harvested $6\frac{2}{3}$ baskets of apples and $4\frac{1}{2}$ baskets of pears. How many baskets of fruit were harvested in total?

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9 A tank is filled with $14\frac{2}{3}$ gallons of fuel. If $5\frac{1}{3}$ gallons are used, how much fuel remains?

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10 A car covers $13\frac{1}{4}$ miles on one trip and $11\frac{2}{3}$ miles on another trip. What is the total distance traveled?

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11 Jenny spent $\frac{3}{4}$ of an hour studying math and $\frac{2}{3}$ of an hour studying science. How much time did she spend studying in total?

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12 A bottle holds $2\frac{1}{4}$ liters of juice. After pouring out $\frac{3}{4}$ of a liter, how much juice remains?

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13 A pizza is divided into 12 slices. Alex eats $\frac{5}{12}$ of the pizza, and Sarah eats $\frac{3}{12}$. How much of the pizza is left?

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14 A garden is divided into 5 sections, each containing $3\frac{2}{3}$ rows of plants. How many rows of plants are in the entire garden?

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15 A store has $7\frac{3}{4}$ pounds of flour. If $2\frac{1}{2}$ pounds are sold, how much flour remains?

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