

Rational numbers

Name: _____ Marks: _____

- 1 A restaurant serves $5\frac{2}{3}$ pizzas on Monday and $7\frac{1}{4}$ pizzas on Tuesday. How many pizzas are served in total?

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- 2 A swimmer swims $\frac{2}{3}$ of a mile per hour. How far does the swimmer go in 3 hours?

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- 3 A basketball player made $\frac{2}{3}$ of his shots in the first game and $\frac{3}{4}$ in the second game. How many shots did he make in total if he took the same number of shots each game?

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- 4 A cake recipe calls for $\frac{3}{4}$ cup of milk. If Nancy makes 3 cakes, how much milk will she need?

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- 5 A train travels $78\frac{2}{5}$ miles on one route and $45\frac{1}{3}$ miles on another route. How far does the train travel in total?

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- 6 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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- 7 A bowl holds $2\frac{2}{3}$ cups of soup. If $\frac{3}{4}$ of a cup is served, how much soup is left in the bowl?

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- 8 A carpenter cuts $\frac{5}{8}$ of a piece of wood from a board that is $\frac{7}{8}$ of a foot long. How much wood is left?

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- 9 A basket contains $4\frac{1}{2}$ pounds of apples. If $2\frac{3}{4}$ pounds are used, how much remains?

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- 10 A jogger runs $2\frac{1}{4}$ miles per day. How far will they run in 7 days?

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11 John has \$45.50. He spends \$18.75 on a gift. How much money does he have left?

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12 A bus travels $20\frac{2}{3}$ miles north and $14\frac{1}{2}$ miles south. What is the total distance covered?

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13 A baker uses $\frac{1}{3}$ of a bag of flour for cookies and $\frac{2}{5}$ for bread. How much flour does the baker use in total?

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14 A box holds $6\frac{3}{4}$ kilograms of oranges. If $3\frac{2}{5}$ kilograms are used, how much remains?

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15 A school needs $5\frac{1}{3}$ gallons of paint to paint a room. If they already have $2\frac{2}{3}$ gallons, how much more paint is needed?

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