

Fraction Word Problems

Challenge Cards



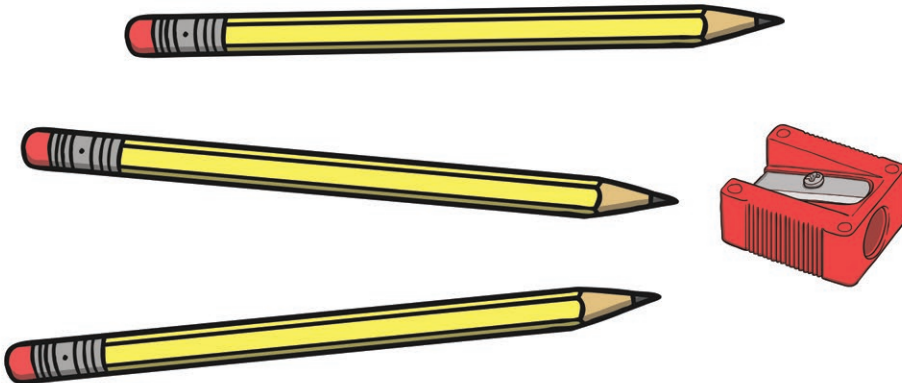
Fraction Word Problems

1. Janik invited 20 friends to his birthday. A quarter of them were girls. How many were boys?



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2. In a box of 24 pencils, half were sharp. How many weren't sharp?



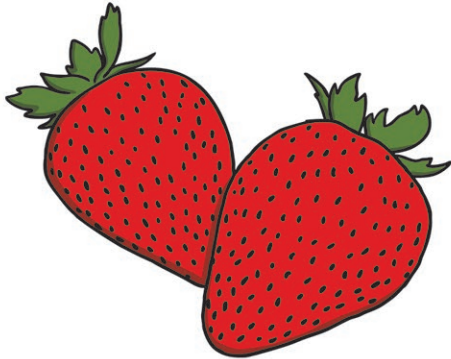
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3. If it took Beth 15 minutes to walk $\frac{3}{4}$ of the way to school, how long would the whole journey take?



Fraction Word Problems

4. Fatim picked 15 strawberries but ate a third of them on the way home. How many did he have left?



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5. Eva says, " $\frac{1}{2}$ of 20 is more than a $\frac{3}{4}$ of 16." Is she right?



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6. The class want to play football. There are 30 players and 5 players on a team. How many teams can they have?



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7. James collected cards but chose to swap half of them. If he had 22 cards, how many did he swap?



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8. "My brother always gets the bigger half!" moaned Greg. Is this possible?



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9. A shop was selling flags. They had 18 altogether. A third of them were French and the rest were American. How many American flags were there?



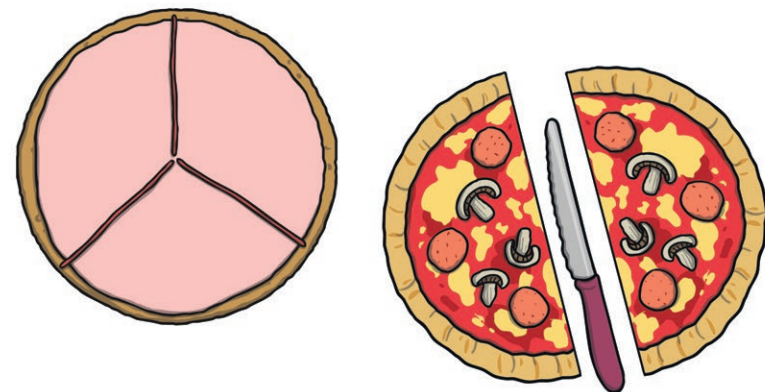
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10. Lorna got £20 for her birthday. She spent £10 on a DVD, £2 on a magazine and £3 on a football. What fraction of her birthday money did she have left?



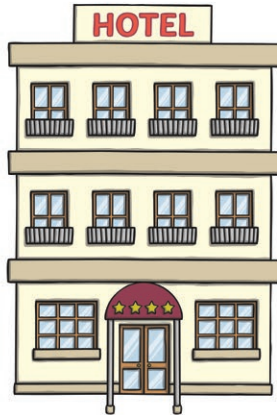
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11. A third ($\frac{1}{3}$) is bigger than a ($\frac{1}{2}$). True or false?



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12. A hotel has 40 rooms. There are 10 rooms on each floor. What fraction of the hotel's rooms are on each floor?



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Answers

1. 15 boys
2. 12 pencils
3. 20 minutes
4. 10 strawberries
5. No. 12 is more than 10
6. 6 teams.
7. 11 cards
8. No. Halves are always equal in size.
9. 12 flags
10. $\frac{1}{4}$
11. False. A $\frac{1}{2}$ is bigger than a $\frac{1}{3}$
12. $\frac{1}{4}$