Fraction Word Problems
Challenge Cards
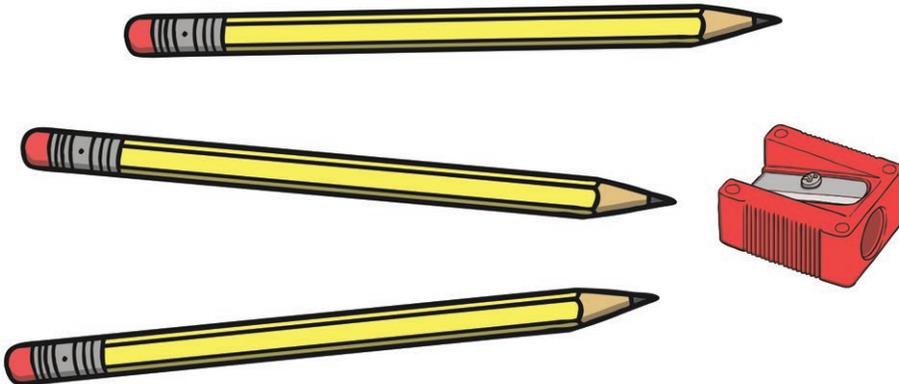
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1. Janik invited 20 friends to his birthday. A quarter of them were girls. How many were boys?

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

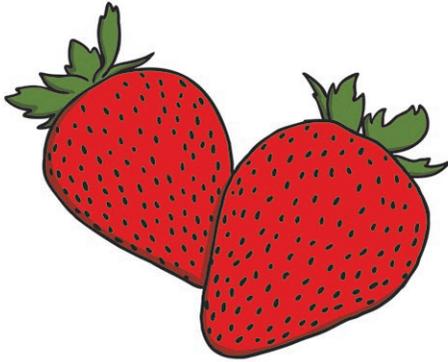3. If it took Beth 15 minutes to walk $\frac{3}{4}$ of the way to school, how long would the whole journey take?

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

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

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

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

10 Football Cards

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

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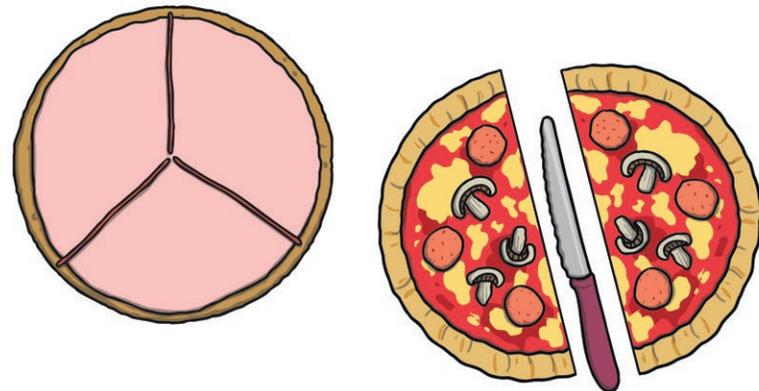
10. Lorna got £20 for her birthday. She spent £10 on a DVD, £2 on a magazine and £3 on a football. What fraction of her birthday money did she have left?

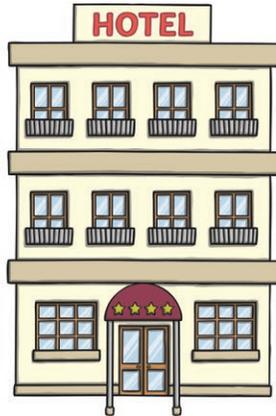11. A third ($\frac{1}{3}$) is bigger than a ($\frac{1}{2}$). True or false?

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

Fraction Word Problems
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. ¼

11. False. A ½ is bigger than a 1/3

12. ¼