



1 Susan bought a pizza. She ate  $\frac{1}{7}$  and Limei ate  $\frac{2}{7}$  of the pizza. What fraction of the pizza was left?

2 Arrange the following from biggest to smallest.

$$2\frac{3}{4}, \frac{12}{8}, \frac{8}{5}, 4$$

3 What is the time shown on the clock?



- 1) 10:05 a.m.
- 2) 11:05 a.m.
- 3) 12:52 p.m.
- 4) 1:52 p.m.

4 In a class of 40 pupils, 15 of them are girls.

- a) What fraction of the pupils are girls?
- b) What fraction of the pupils are boys?

Give your answer in its simplest form.

5 Tom and Jerry are playing the game Rock-Paper-Scissors. The winner gets 3 points while the loser gets 0 points. For a draw, both players need to get 1 point. After 20 games, the score was 32 to 20. How many games were draws?



**6** Alan had \$129 and Benny had \$96. They both went to buy some socks and gloves. Benny bought twice as many identical socks as Alan, while Alan spent twice as much money on gloves as Benny. Alan then had twice as much money left as Benny. If a pair of socks costs \$4, how many pairs of socks did Alan buy?

**7**  $2^5$  means 2 multiplied by itself 5 times, i.e.  $2^5 = 2 \times 2 \times 2 \times 2 \times 2 = 32$ . What is  $5^4$  equal to?

**8** What is the correct order of the three numbers  $10^8$ ,  $5\frac{1}{2}$ , and  $2^{34}$ ?

- A)  $2^{24} < 10^8 < 5^{12}$
- B)  $2^{24} < 5^{12} < 10^8$
- C)  $5^{12} < 2^{24} < 10^8$
- D)  $10^8 < 5^{12} < 2^{24}$
- E)  $10^8 < 2^{24} < 5^{12}$

**9** The average of five numbers is 50. After one new number is added in, the average of these six numbers is now 46. What is the value of this new number?

**10** 31 books are arranged from left to right in order of increasing prices. The price of each book differs by \$2 from that of the previous book. For the price of the book at the very right, a customer can buy the middle book and an adjacent one. Is the adjacent book to the right or left of the middle book?