



Pack of cards

These questions are about probability and playing cards. A complete pack of 52 playing cards will help you answer these questions.

1. How many red cards are there in the pack?

2. How many black cards are there in the pack?

3. How many cards are there in the diamonds suit?

4. How many aces are there in the pack?

5. How many picture cards (kings, queens & jacks) are there?

There are 52 cards in a pack. Imagine you take one at random and answer questions 6 to 10.
Hint: use your answers to question 1 to 5 to make fractions out of 52. Cancel them down if you can.

6. What is the probability of choosing a red card?

7. What is the probability of choosing a black card?

8. What is the probability of choosing a diamond?

9. What is the probability of choosing an ace?

10. What is the probability of choosing a picture card?

Now compare your answers with those on the **Pack of cards - answers** sheet.