# Fraction word problems

Hannah's Heaven's Delight cake and pastry shop will be having its 10th anniversary. On the day of the celebration, all bakery goods will be sold at half the regular price.

**1**

HANNAH PREPARED 15 BATCHES OF CHOCOLATE CHIP COOKIES FOR THE ANNIVERSARY CELEBRATION. IF 9 BATCHES WERE SOLD WITHIN THE FIRST HOUR, WHAT FRACTION OF THE CHOCOLATE CHIP COOKIES WAS SOLD WITHIN THE FIRST HOUR?

**2**

THE BAKERY MADE 20 RED VELVET CUPCAKES FOR THE EVENT. IF 3/4 OF THE CUPCAKES WERE SOLD BY NOON, HOW MANY CUPCAKES WERE SOLD BY NOON?

**3**

HANNAH HAD 24 BOXES OF ASSORTED PASTRIES, EACH CONTAINING 6 PASTRIES. IF 2/3 OF THE BOXES WERE SOLD BY THE END OF THE DAY, HOW MANY BOXES WERE LEFT UNSOLD?

# Fraction word problems

Diego, Roy, and Travis spent one sunny Saturday in their tree house to play marbles, cards, and cars

**1**

TRAVIS BROUGHT HIS BAG OF MARBLES, AND HE FOUND THAT 6 OUT OF HIS 18 MARBLES ARE GREEN. WHAT FRACTION OF TRAVIS'S MARBLES IS GREEN?

**2**

DIEGO, ROY, AND TRAVIS DECIDED TO COMBINE THEIR BLUE MARBLES INTO ONE BAG. IF THE TOTAL NUMBER OF BLUE MARBLES BETWEEN THEM IS 20, AND THEY HAVE 72 MARBLES IN TOTAL, WHAT FRACTION OF THEIR COMBINED MARBLE COLLECTION IS BLUE?

**3**

AFTER PLAYING WITH MARBLES, THE BOYS PLAYED CARDS. THEY HAD A DECK OF 52 CARDS, AND THEY PLAYED A GAME WHERE THEY DREW 15 CARDS. WHAT FRACTION OF THE DECK WAS USED IN THE GAME?

# Fraction word problems

Gilly and Luke went to the school library one fine morning. They planned to read books that day and borrow books to read during the winter.

**1**

AFTER READING SOME BOOKS AT THE LIBRARY, GILLY NOTICED THERE WERE 8 BOOKS ABOUT FAMOUS INVENTORS. SHE DECIDED TO READ 5 OF THEM. WHAT FRACTION OF THE BOOKS ON FAMOUS INVENTORS DID GILLY READ?

**2**

LUKE FOUND A SECTION WITH 20 BOOKS ABOUT SPACE EXPLORATION. HE SELECTED 6 OF THEM TO BORROW FOR THE WINTER. WHAT FRACTION OF THE SPACE EXPLORATION BOOKS DID LUKE BORROW?

**3**

THE LIBRARY HAD A TOTAL OF 12 BOOKS ON ANCIENT CIVILIZATIONS. GILLY AND LUKE TOGETHER BORROWED 4 OF THESE BOOKS. WHAT FRACTION OF THE BOOKS ON ANCIENT CIVILIZATIONS DID THEY BORROW?