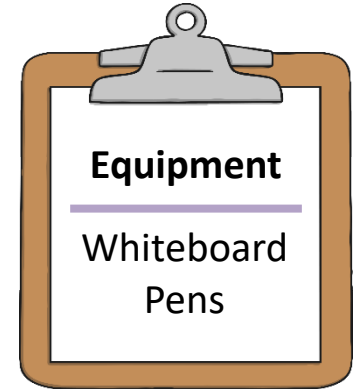# Morning Maths Activities

Short starter activities and games.

twinkl

Spider Sharing

How many spiders are there if there are:

| 13 spiders | 23 spiders | 15 spiders | 157 spiders |

Each spider eats 5 flies for supper. How many spiders can have supper if there are:

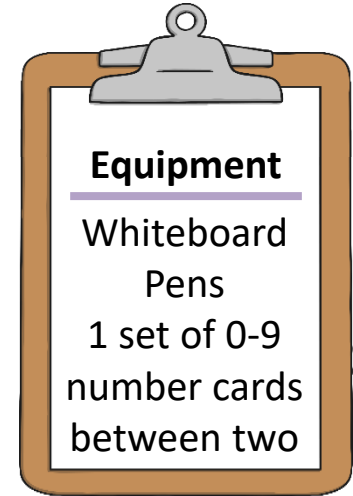| 317 spiders | 356 spiders | 193 spiders | 927 spiders |

Hide
Answers

Out for a Duck

Equipment

Whiteboard
Pens
1 set of 0-9
number cards
between two

Use your digit cards to create two 5-digit numbers.
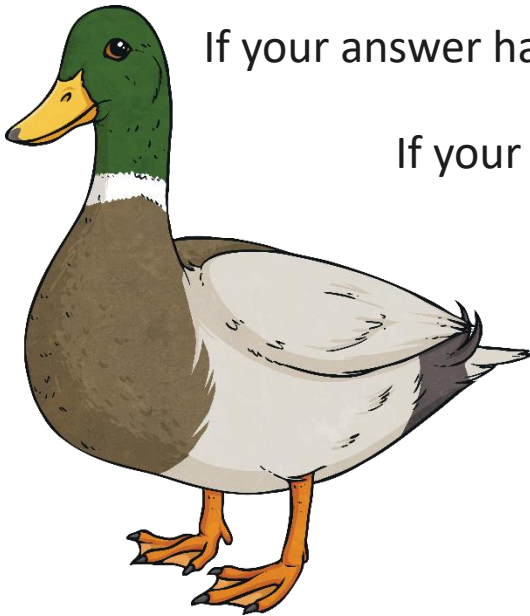
Add your two numbers together.

If your answer has a zero in it, you score 1 duck.

If your answer has two zeroes, you score two ducks.
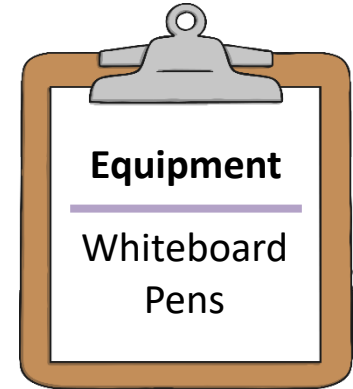
If your answer has three zeroes, you score three ducks.

Take turns to create and add numbers.

How many ducks did you score?

Lottery Winnings

Each prize is shared between 12 lottery winners. How much does each winner get?

Images of money bag/treasure chests labelled

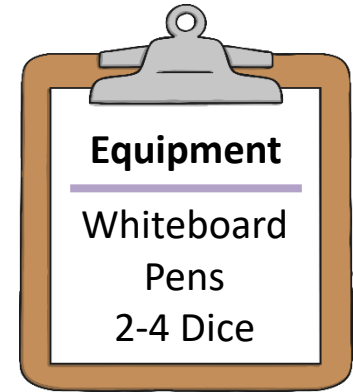|			
£35	£106	£518	£1211

If nine winners get £6582 each when they have shared the prize, what was the total amount won?

£59 238

Hide Answers

Digit Difference Game

3-digit version for two or more players. Take it in turns to:

1.   Throw 3 dice.

2.   Use the numbers on the dice to write down a 3 digit number.

3.   Reverse the digits and write down that second number.
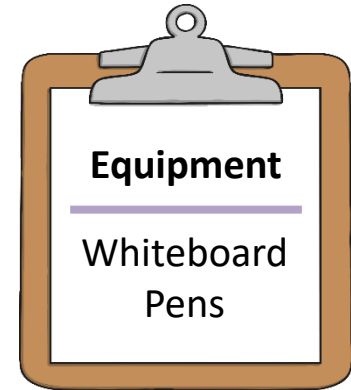
4.   Find the difference between the two numbers.

Alternatives:

1.   Time it and see how many your can do in one minute. Work on improving your personal bests.

2.   Try an easier version with two dice making two-digit numbers.

3.   Try a harder version with four dice digit making four-digit numbers.

Example: Throw: 1 and 2 and 3. Calculation: 321 – 123 = 198

Menus

The Pickled Pie Restaurant

Starters:

Garlic Bread £3.75

Soup £4.25

Nachos (for two) £6.95

Mains:

Pizza with two toppings £11.95

Macaroni Cheese £9.95

Spaghetti Bolognaise £10.75

Burger and Chips – Meat £10.65 Veggie £9.65

Desserts:

Ice Cream £4.80

Apple Pie and Custard £5.95

Chocolate Fudge Cake £6.70

Cheesecake £6.75

Drinks:

Fizzy drinks from the machine £2.99

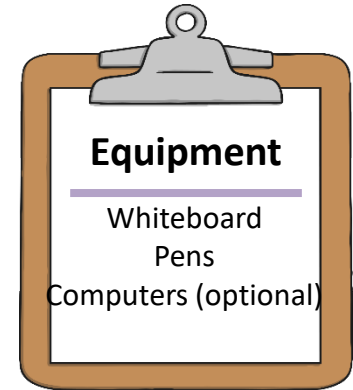Fresh fruit juice (apple or orange) £3.50

Milkshake (banana/strawberry/chocolate) £4.50

Work in groups of 3 or 4.

1. Look at the menu on the left and choose what you would like to eat and drink.

2. Add up the total of everyone's order to find the total bill.

3. Split the bill equally between the number of people in your group to find out what you would pay each.

4. If you are feeling brave, you can add on a 10% tip to the total bill before splitting it up.

Roman Years

Write the years of these events in Roman Numerals:

1. Your birth.

2. The millennium.

3. The great fire of London.

4. The first moon landing.

5. The battle of Hastings.

6. The end of the second world war.

7. The year England won the football world cup.
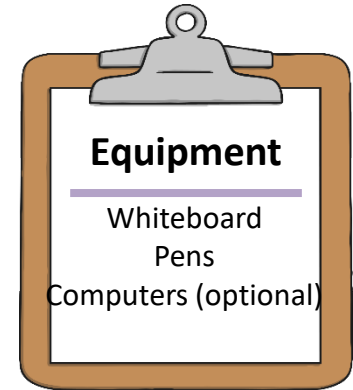
8. When your school opened.

Now some to research:

1. The year henry the VIII died.

2. Queen Elizabeth II's coronation.

3. The three times that London has hosted the Olympic games.

4. The year Queen Victoria comes to the throne.

5. Elvis Presley died.

6. The live aid concert in Wembley stadium.

7. The Beatles' first UK number one single.

Equipment

Whiteboard
Pens
Computers (optional)

Hide Answers

Roman Years

Write the years of these events in Roman Numerals:

1. Answers will vary
2. MM
3. MDLXVI
4. MCMXLV
5. MLXVI
6. MCMXLV
7. MCMLXVI
8. Answers will vary

Now some to research:

1. MDXLVII
2. MDXLVII
3. MCMVIII, MCMXLVIII and MMXII
4. MDCCCXXXVII
5. MCMLXXVII
6. MCMLXXXV
7. MCMLXIII

Hide Answers