**Hints**

Percentages

To get 10% of an amount, divide it by 10.

To get 1% of an amount, divide it by 100.

To get 30% of an amount, divide it by 10 and then multiply by 3.

Fractions

To get 1/5 of an amount, divide it by 5.

To get 3/5 of an amount, divide it by 5 and then multiply it by 3.

Ratio

To divide by a ratio, draw boxes to show the ratio and then divide the total by the number of boxes.

Card A

In this question, “off” means subtract the percentage or fraction from the original amount.

Card B

At the Winco Bank, you earn 1% for £300 of your money and 6% for the rest of it.

Card C

“Pay for 3 tins, get 1 free” means that, out of every 4, one is free.

Card D

If a quarter of an amount is 5, then the total amount is 4x5 -> 20.

Card E

There isn’t always one right or one wrong answer!

|  |  |  |
| --- | --- | --- |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |
| **Percentages – 1**  *To get 10% of an amount, divide it by 10.* | **Percentages – 2**  *To get 1% of an amount, divide it by 100.* | **Percentages – 3**  *To get 30%, divide by 10 and then multiply by 3.* |

|  |  |  |
| --- | --- | --- |
| **Fractions – 1**  *To get 1/5 of an amount, divide it by 5.* | **Fractions – 2**  *To get 3/5 of an amount, divide it by 5 and then multiply it by 3.* | To share in a **ratio**, *draw boxes to show the ratio and then divide the total by the boxes.* |
| **Fractions – 1**  *To get 1/5 of an amount, divide it by 5.* | **Fractions – 2**  *To get 3/5 of an amount, divide it by 5 and then multiply it by 3.* | To share in a **ratio**, *draw boxes to show the ratio and then divide the total by the boxes.* |
| **Fractions – 1**  *To get 1/5 of an amount, divide it by 5.* | **Fractions – 2**  *To get 3/5 of an amount, divide it by 5 and then multiply it by 3.* | To share in a **ratio**, *draw boxes to show the ratio and then divide the total by the boxes.* |
| **Fractions – 1**  *To get 1/5 of an amount, divide it by 5.* | **Fractions – 2**  *To get 3/5 of an amount, divide it by 5 and then multiply it by 3.* | To share in a **ratio**, *draw boxes to show the ratio and then divide the total by the boxes.* |
| **Fractions – 1**  *To get 1/5 of an amount, divide it by 5.* | **Fractions – 2**  *To get 3/5 of an amount, divide it by 5 and then multiply it by 3.* | To share in a **ratio**, *draw boxes to show the ratio and then divide the total by the boxes.* |
| **Card A**  *In this question, “off” means subtract the percentage or fraction from the original amount.* | **Card A**  *In this question, “off” means subtract the percentage or fraction from the original amount.* | **Card A**  *In this question, “off” means subtract the percentage or fraction from the original amount.* |

|  |  |  |
| --- | --- | --- |
| **Card A**  *In this question, “off” means subtract the percentage or fraction from the original amount.* | **Card A**  *In this question, “off” means subtract the percentage or fraction from the original amount.* | **Card A**  *In this question, “off” means subtract the percentage or fraction from the original amount.* |
| **Card B**  At the Winco Bank, you earn 1% for £300 of your money and 6% for the rest of it. | **Card B**  At the Winco Bank, you earn 1% for £300 of your money and 6% for the rest of it. | **Card B**  At the Winco Bank, you earn 1% for £300 of your money and 6% for the rest of it. |
| **Card C**  “Pay for 3 tins, get 1 free” means that, out of every 4, one is free. | **Card C**  “Pay for 3 tins, get 1 free” means that, out of every 4, one is free. | **Card C**  “Pay for 3 tins, get 1 free” means that, out of every 4, one is free. |
| **Card D**  If a quarter of an amount is 5, then the total amount is 4x5 -> 20. | **Card D**  If a quarter of an amount is 5, then the total amount is 4x5 -> 20. | **Card D**  If a quarter of an amount is 5, then the total amount is 4x5 -> 20. |
| **Card E**  There isn’t always one right or one wrong answer! | **Card E**  There isn’t always one right or one wrong answer! | **Card E**  There isn’t always one right or one wrong answer! |