



## ALL IN ONE PLACE BASE CAMP MATHS WORKSHEET WORD PROBLEMS 1



### INSTRUCTIONS

- You should take about 15 minutes to do the exercises
- Ask a family member or teacher for help if you need it
- Write your answers of the worksheet and show working out
- Use the solution sheet to check your work

## WHAT TO DO

In this worksheet you'll do word problems involving

**JUMP 1** *working with money*

**JUMP 2** *working with time*

**JUMP 3** *working with amounts*

**JUMP 4** *working with fractions and percentage*



### JUMP 1

a. Alex has £35 and buys two T-shirts costing £8.99 each. How much money does he have left?

**ANSWER** £ \_\_\_\_\_

b. Emma gets £20 pocket money each month. She saves half of it. How much will she have saved in 18 months?

**ANSWER** £ \_\_\_\_\_

c. Bruce has three times as much money as Kerry. Kerry has £3.75. How much money does Bruce have?

**ANSWER** £ \_\_\_\_\_

**JUMP 2**

a. You leave home at ten past eight and walk to school? You arrive at school at 8:47. How many minutes did you walk for?

**ANSWER** \_\_\_\_\_ **min**

b. Sue and Gavin watch a movie that is 119 minutes long. The movie starts at quarter to three in the afternoon. At what time does the movie end? Express your answer using the 24 hour clock.

**ANSWER** \_\_\_\_\_

c. A flight from London to New York takes 6 hours and 10 minutes. The flying time from London to Miami is 8 hours and 25 minutes. How much longer is the journey from London to Miami?

**ANSWER** \_\_\_\_\_ **hours** \_\_\_\_\_ **min**

d. Sam's watch is 17 minutes fast. Somebody asks him the time and Sam tells them it is 8:44 am. What is the actual time?

**ANSWER** \_\_\_\_\_

**JUMP 3**

a. On one day in winter the maximum temperature in London is 3 °C. At night the temperature falls to – 7 °C. What is the difference between the maximum and minimum temperatures?

**ANSWER** \_\_\_\_\_ **°C**

b. You need 350 g of cheese to make a pizza. What mass of cheese will you need to make seven pizzas? Express your answer in kilograms.

**ANSWER** \_\_\_\_\_ **kg**

c. Your bedroom has an area of 6 m<sup>2</sup> and your parent's bedroom is 15 m<sup>2</sup>. How much larger is their bedroom compared to yours?

**ANSWER** \_\_\_\_\_



**JUMP 4**

a. Zac has £10, Nate has £20 and Gale has £15. How much money does Nate have as a percentage of the total that the friends have? Write your answer as a whole number.

**ANSWER** \_\_\_\_\_

b. What fraction of the total is Gale's money? Express your answer in the simplest form.

**ANSWER** \_\_\_\_\_

c. Write the amount of money that Gail has as a decimal fraction of the total.

**ANSWER** \_\_\_\_\_

d. Rosie can run 200 metres in 30 seconds. Dale takes two seconds longer to run the race. How long does Dale take to run 200 metres?

**ANSWER** \_\_\_\_\_

e. Write Rosie's time as a fraction of a minute in the simplest form.

**ANSWER** \_\_\_\_\_

f. Write Dale's time as a fraction of a minute in the simplest form.

**ANSWER** \_\_\_\_\_

g. You can express Rosie's time for the 200 m as 100%. Write Dale's time as a percentage to one decimal place.

**ANSWER** \_\_\_\_\_

h. Express the difference between Rosie's and Dale's time as a decimal fraction of a minute to 2 places.

**ANSWER** \_\_\_\_\_





## SOLUTIONS



### JUMP 1

- a. 17.02
- b. £180
- c. £11.25



### JUMP 2

- a. 37 minutes
- b. 16: 44
- c. 2 hours 15 minutes
- d. 8:27 am



### JUMP 3

- a. 10 °C
- b. 2.45 kg
- c. 2.5 times bigger



### JUMP 4

- a. 44%
- b.  $\frac{1}{3}$
- c. 0.3 recurring
- d. 32 seconds
- e.  $\frac{1}{2}$
- f.  $\frac{8}{15}$
- g. 106.7%
- h. 0.03