

Year 6 Induction – Holiday Relay Activity

Hello Yr 6, Hope you are well? Usually you would attempt this activity in pairs or teams. Have a go yourself today.

Instructions

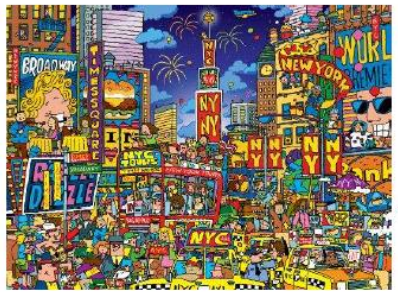
- 1) Either download and print off the worksheets (from page 2 to 5) or just view them on your screen.
- 2) Work out the answer to the question- use a piece of paper and a pen or pencil to work out the solution.
- 3) Check your answer to see if it is correct.
- 4) Move onto the next question.
- 5) Carry on until you have answered question 16.

Do not worry if you can't work them all out, this is just for fun!





QUESTION 1



Holly Daze is visiting New York's Times Square.

Speaking of Times Square, what's $1 \times 4 \times 9 \times 25$?

ANSWER:



QUESTION 2

Chris has been saving up for his summer holidays throughout the month of June.

1p on the 1st,



2p on the 2nd,



3p on the 3rd



and so on.

How much will he have at the end of the month?

ANSWER:



QUESTION 3



Elaine is on the flume at the water park. It takes her 7 minutes to get from the pool, up the ladder and down the slide. How many times can she use the slide in two hours?

ANSWER:



QUESTION 4

Dolly has been working all day at the beach! She's made 37 rows each with 25 sandcastles.



How many sandcastles has she made altogether?

ANSWER:





QUESTION 5

A passport photo needs to be 4.5cm tall and 3.5cm wide.



Calculate the area covered by these 8 passport photos.

ANSWER:



QUESTION 7

Daisy wants to buy five postcards for 40p each to send to her friends. First class stamps cost 63p and second class cost 54p.

Daisy has £5 to spend altogether. She tries to send as many by first class as she can with the rest going by second class. How much money will Daisy have left?



ANSWER:



QUESTION 6



A theatre puts on shows at regular intervals.



When is the third show scheduled to start?



ANSWER:



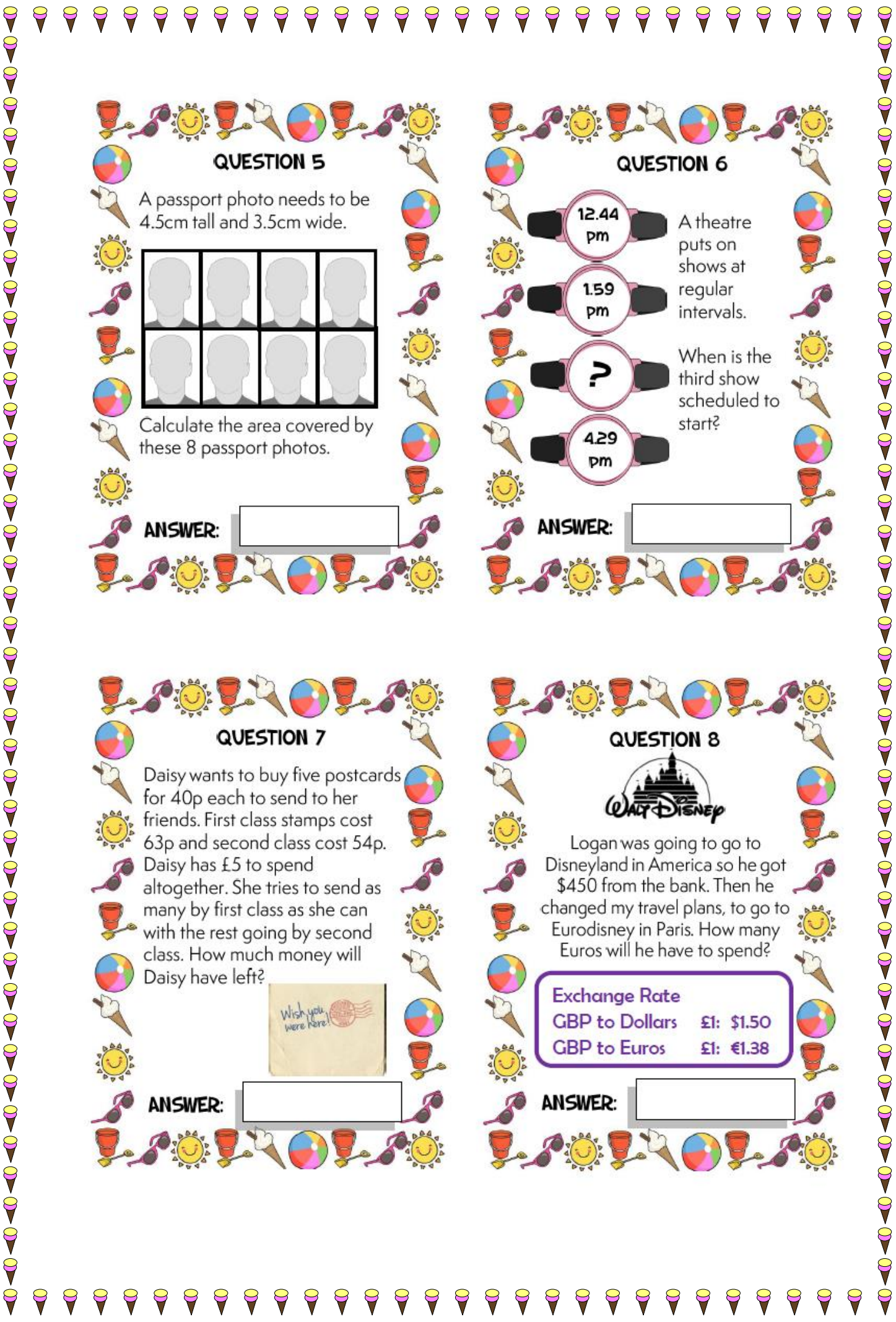
QUESTION 8



Logan was going to go to Disneyland in America so he got \$450 from the bank. Then he changed my travel plans, to go to Eurodisney in Paris. How many Euros will he have to spend?

| Exchange Rate | |
|----------------|------------|
| GBP to Dollars | £1: \$1.50 |
| GBP to Euros | £1: €1.38 |

ANSWER:





QUESTION 9

The Smith's holiday flight tickets cost £352.

This included 10% flight tax.

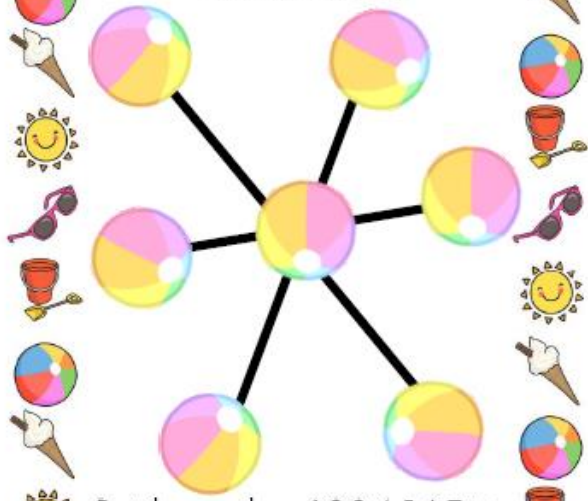


How much were the tickets **before** the tax was added?

ANSWER:



QUESTION 10



Put the numbers 1,2,3,4,5,6,7 into a beach ball so that every line adds up to the same total!



QUESTION 11

The "Wonky Donkey Ride Company©" operates on a popular beach.



Heidi looks at the donkeys and tourists. She counts 50 heads and 114 legs.

How many donkeys are there?

ANSWER:



QUESTION 12



Here's the price of two bundles of bucket and spades. How much does one bucket cost?

ANSWER:





QUESTION 13

A new sun tan lotion measures the strength in an unusual way.

Factor 7 has strength 2
(since 7 has two factors: 1 and 7)

Factor 18 has strength 6
(since 18 has six factors: 1,2,3,6,9,18)



Which Factor between 18 and 28 is the strongest?

ANSWER:



QUESTION 14

A massive family go to "Trig Beach" (cos it's the best place to get a tan)! There are 33 of them altogether and pay £311 in total. How many kids are in the family?



ANSWER:



QUESTION 15

The ice cream shop offer four flavours on their triple-scoop cones (vanilla, chocolate, strawberry and raspberry). So you can have vanilla, strawberry and chocolate (the order doesn't matter] or triple raspberry or...



How many *different* combinations of three flavours are there?

ANSWER:



QUESTION 16

James, Aimee and Zack have weighed their suitcases. Each weighs a prime number of kilograms and the total weight is 40kg.



What's the difference between the lightest and heaviest suitcase?

ANSWER:

