Credence High School
Grade 6 Asset Worksheet

Q1 A number that has 2 and 37 as factors must be an

A even composite number

B odd composite number

C odd prime number

D even prime number

Q2 Look at this room tariff card of Palace Hotel:



PALACE HOTEL

Tariff Card

Standard	
Single (Non AC)	Rs. 650
Double (Non AC)	Rs. 750
Deluxe	
Single (Non AC)	Rs. 800
Double (Non AC)	Rs. 900
Single (AC)	Rs. 995
Double (AC)	Rs. 1095
Suite (AC):	Rs. 1400

Check-Out Time: 24 Hours
Extra bed charges: Rs. 200 per night
No extra charges for children under the age of 10.
Taxes extra

Mr. and Mrs. Ratnam checked into this hotel at 7:00 PM on 12th April with their two daughters aged 4 years and 12 years. They booked a Deluxe AC double room with an extra bed. What will be the bill for their stay (before taxes) if they check out on the morning of 14th April?

A Rs. 2200

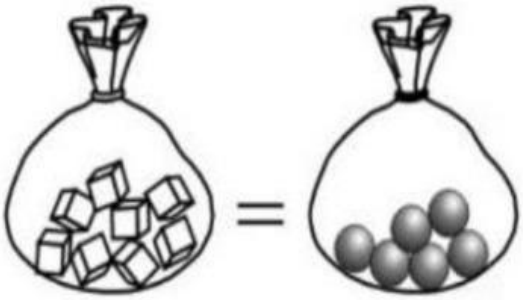
B Rs. 2390

C Rs. 2590

D Rs. 3885

LIVEWORKSHEETS

Q3



If the two bags shown above weigh the same, which of the following would ALSO weigh the same?

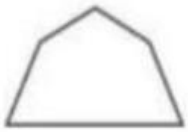
A 3 cubes, 2 balls

B 5 cubes, 3 balls

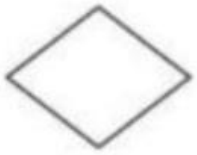
C 12 cubes, 9 balls

D 10 cubes, 8 balls

Q4 Which of these figures has a right angle?

A 

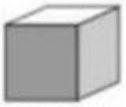
B 

C 

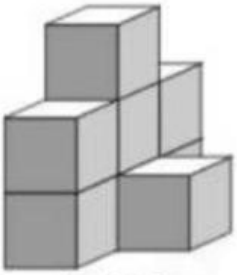
D 

LIVEWORKSHEETS

Q5 Unit cubes like the one on the left have been joined together to make solid S.



Unit Cube



Solid S

If two unit cubes can be stuck together ONLY by joining them face-to-face, AT LEAST how many unit cubes have been used to form solid S?

A 6

B 7

C 8

D 14

LIVEWORKSHEETS

Q6



Which of the pieces when joined to the above piece will complete the square?

A



B



C

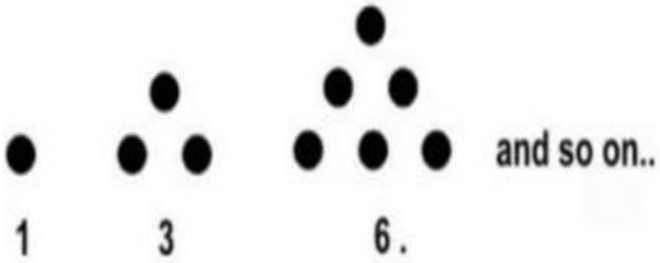


D



LIVEWORKSHEETS

Q7 Triangular numbers are the numbers formed by counting the number of objects used to form triangular arrangements as shown below.



What is the triangular number corresponding to a triangle with a base of 10 objects?

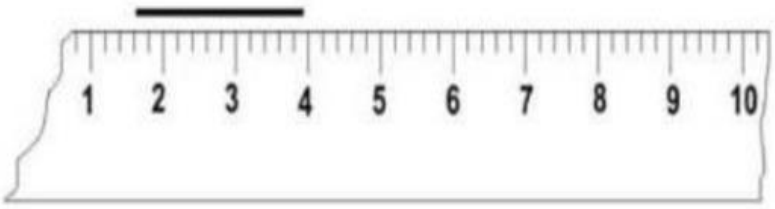
A 10

B 25

C 50

D 55

Q8 What is the length of the line shown next to the ruler?



A 2.4 units

B 3 units

C 3.4 units

D 3.6 units

LIVEWORKSHEETS

Q9 Renu bought the following material to make some cards for the school exhibition.

Ganesh Arts.

Item	Price	Qty.	Total
Card paper sheets	16.00	4	Rs. 64
Glitter Glue	58.00	1	Rs. 58
Sketch pens	26.00	1	Rs. 26
			Rs. 148
	Taxes		15
	Total		Rs. 163

Renu used this material to make 25 cards. If she managed to sell all except 4 of them at the exhibition for Rs. 10 each, how much profit did she make?

A Rs. 210

B Rs. 87

C Rs. 62

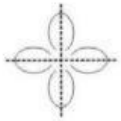
D Rs. 47

Q10 For which of the following figures are ALL lines of symmetry NOT shown?

A 

B 

C 

D 

LIVEWORKSHEETS

Q11 A number that has 2 and 37 as factors must be an

A even composite number

B odd composite number

C odd prime number

D even prime number

Q12 A network of roads in a city leading to the City Centre is shown here.



How many possible paths can a person at point Q follow to reach the City Centre such that he is always going towards it and never away from it?

A 2

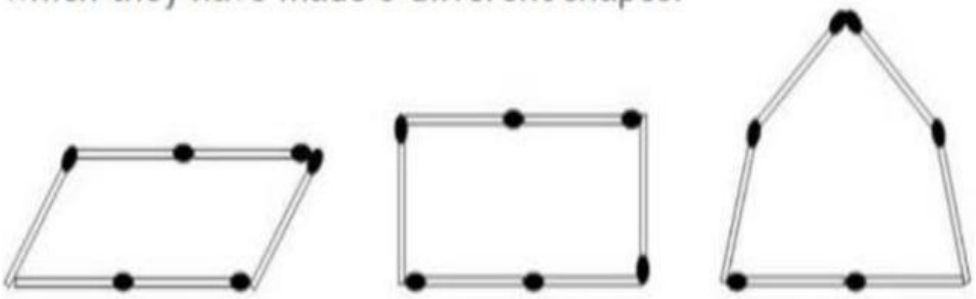
B 3

C 4

D 5

LIVEWORKSHEETS

Q13 Wasim, Sameer and Mala have 6 matchsticks each - with which they have made 3 different shapes.



Shape 1 **Shape 2** **Shape 3**

If all the matchsticks are identical in every way, which of the following is correct?

A All 3 shapes have the same area and the same perimeter.

B All 3 shapes have the same perimeter but different areas.

C All 3 shapes have the same area but different perimeters.

D All 3 shapes have the same area but only the first two have the same perimeter.

LIVEWORKSHEETS