Name: _____
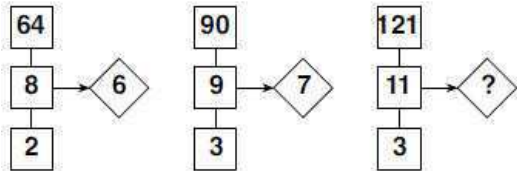
Date: _____

Question: 1 of 60 QID: 1391 Marks: 1

The numbers in each of the three patterns follow the same rule. Find the missing number.

○ **A.** 8 ○ **B.** 9

○ **C.** 10 ○ **D.** 11

Question: 2 of 60 QID: 2946 Marks: 1

A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:

○ **A.** 250 ○ **B.** 276

○ **C.** 280 ○ **D.** 285

Question: 3 of 60 QID: 2985 Marks: 1

You need to cut a wooden rod to 35 pieces. It takes 3 minutes to make 1 cut. How long does it take to complete the cuts?

○ **A.** 100 mins ○ **B.** 105 mins

○ **C.** 102 mins ○ **D.** 106 mins

Question: 4 of 60 QID: 3104 Marks: 1

Fill in the blanks with the same natural number to make the equation correct.

3_ * 4128 = 3264 * _3

○ **A.** 3 ○ **B.** 4

○ **C.** 5 ○ **D.** 6

Four kids; Aaron, Bessy, Carli and Dawn play with beads. They start with 200 beads in all. Aaron gave Bessy 26 beads, Bessy gave Carli 36 beads, Carli gave Dawn 32 beads, and Dawn gave Aaron 4 beads. They end up with the same number of beads as each other. How many beads did Carli have at the beginning?

- A. 45
- B. 46
- C. 47
- D. 48

The Chocolate Factory has to package 60 kg of chocolate. Each box must contain 3/4 kg of chocolate. Each box is then sold for $3.50. All of the boxes are sold.

How much will the Chocolate Factory collect?

- A. $280
- B. $270
- C. $260
- D. $250

Molly spent 1/8 of her money on a music CD. She also spent $40 on a sweater. She had 1/4 of her money left.

How much money did Molly have at first?

- A. $64
- B. $60
- C. $68
- D. $70

Pete the Painter can paint 5/6 of a room in 90 minutes. How many minutes will it take Pete to paint the entire room?

- A. 108
- B. 110
- C. 105
- D. 115

5/7 of a group of students are boys. There are 18 more boys than girls. How many students are there altogether?

- A. 38
- B. 40
- C. 50
- D. 42

QID: 3175 Marks: 1

Gary works at Ghosts and Goblins, a Halloween store.. He puts orange, black, and white Halloween candies in boxes. After he fills a box, 1/4 is orange, 1/6 is black, and 21 are white. How many candies does Boris put in each box?

A. 34
B. 36
C. 38
D. 40

Question: 11 of 60 QID: 3094 Marks: 1

A cubic shaped fish tank is 40 cm tall.

One quarter of the tank is filled with water.

If a piece of cubic shaped metal 30 cm in height is placed in the fish tank, what is the water level in the fish tank?

A. 18.85 cm
B. 22.86 cm
C. 24.37 cm
D. 25.38 cm

Question: 12 of 60 QID: 3110 Marks: 1

A rectangular prism is 8 centimeters long, 4 centimeters wide and 4 centimeters tall. What is the total volume of all the 2 x 2 x 2 cm cubes?

A. 128 cm^3
B. 108 cm^3
C. 156 cm^3
D. 116 cm^3

Question: 13 of 60 QID: 3111 Marks: 1

There are 3 identical wooden blocks that are 50 cm long, 5 cm wide and 2 cm thick.

If you glue them together, what is the largest outer surface area you can get?

A. 2120 cm^2
B. 3020 cm^2
C. 2980 cm^2
D. 2966 cm^2

Question: 14 of 60 QID: 3112 Marks: 1

There are 3 identical wooden blocks that are 50 cm long, 5 cm wide and 2 cm thick.

If you glue them together, what is the smallest outer surface area you can get?

A. 1380 cm^2
B. 1350 cm2
C. 1360 cm2
D. 1390 cm2