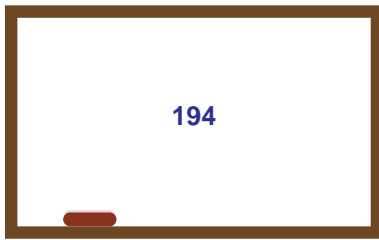


GRADE 3-4 QUESTIONS AND SOLUTIONS

Q1:



Which digit of the number written on the board has the highest place value? (1 point)

- A) 4 B) 9 C) 1 D) 194

Q2: In the four-digit number $307\Delta\Delta$, the sum of all digits is 22.

What is the sum of the place values of the digits Δ ? (1 point)

- A) 9 B) 99 C) 6 D) 66

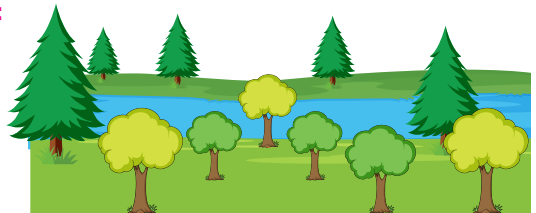
Q3: Calculate the sum:

$$101 + 202 + 303 + 404 + 505 + 606 + 707$$

(1 point)

- A) 2727 B) 2828
C) 2929 D) 3030

Q4:



There are 15 trees in a row. The distance between each pair of adjacent trees is 3 meters.

What is the distance between the first and the last tree? (1 point)

- A) 39 B) 42 C) 45 D) 48

Q5: In the inequality $783 > 7\blacksquare 5$, what is the sum of all possible digits that can replace the \blacksquare to make the inequality true? (1 point)

- A) 27 B) 28 C) 29 D) 30

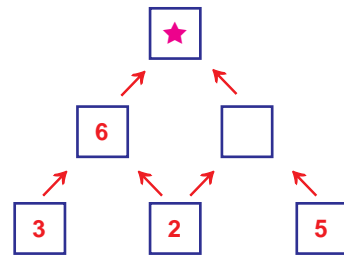
Q6: What number comes next?

3, 7, 12, 18, 25, 33, ...

(2 points)

- A) 40 B) 42 C) 45 D) 48

Q7:



When Kayla continues the pattern in the diagram according to the same rule, what number should she write in place of the \star ? (7 points)

- A) 20 B) 30 C) 40 D) 60

Q8:

-	146	327
408	▲	
745		●

What is the result of the operation $\bullet - \blacktriangle$? (2 points)

- A) 156 B) 165 C) 262 D) 324

GRADE 3-4 QUESTIONS AND SOLUTIONS

Q9:



There are 452 passengers on a train. At the first station, 124 passengers got off, and at the second station, 156 passengers got off. At the third station, 75 passengers got on.

According to this, how many passengers are on the train? (2 points)

- A) 172 B) 232 C) 247 D) 328

10:



In my uncle's garden, there are 152 apple trees, 217 plum trees, and 145 peach trees.

If there are 640 trees in total in my uncle's garden, how many trees are there that are not of these types? (2 points)

- A) 124 B) 126 C) 128 D) 136

Q11:

$$\begin{array}{r}
 A B C \\
 + 259 \\
 \hline
 823
 \end{array}$$

What is the sum of A + B + C? (3 points)

- A) 10 B) 12 C) 14 D) 15

Q12:

x	6	7	8	9
2				
3				
4				
5				

What is the sum of the numbers in the green-colored boxes? (3 points)

- A) 76 B) 82 C) 99 D) 100

Q13:



Sophia started reading her book at 08:45 and finished at 12:30.

How long did Sophia read? (3 points)

- A) 3 hours, 45 minutes
- B) 3 hours, 30 minutes
- C) 4 hours, 15 minutes
- D) 4 hours, 5 minutes

Q14:

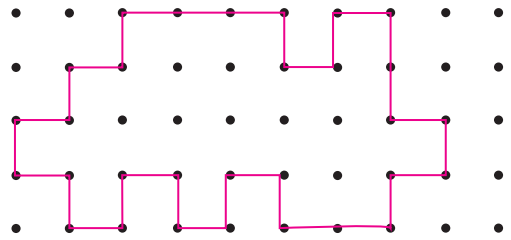


Steven used 3 meters and 63 centimeters of a 7-meter piece of fabric.

How much fabric remains? (3 points)

- A) 337 cm
- B) 353 cm
- C) 373 cm
- D) 433 cm

Q15:



The distance between two points is 3 cm.

According to this, what is the perimeter of the shape? (3 points)

- A) 30 cm
- B) 45 cm
- C) 60 cm
- D) 90 cm

Q16:



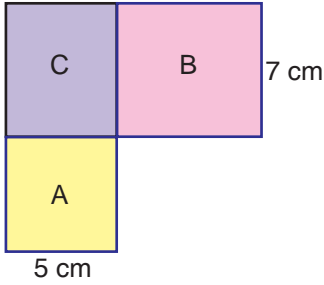
A milkman gets 13 liters of milk per day from each cow.

How many liters of milk will he get in a week from 7 cows? (4 points)

- A) 20
- B) 91
- C) 613
- D) 637

GRADE 3-4 QUESTIONS AND SOLUTIONS

Q17:



Ashley drew shapes A and B as squares and shape C as a rectangle.

According to the given information, what should be the perimeter of the entire shape? (4 points)

- A) 36 cm B) 40 cm
C) 48 cm D) 56 cm

Q18:



There are 40 birds in the park. These include adult birds and baby birds. Each adult bird has at least 2 baby birds.

What is the maximum number of adult birds? (4 points)

- A) 10 B) 12 C) 13 D) 14

Q19:

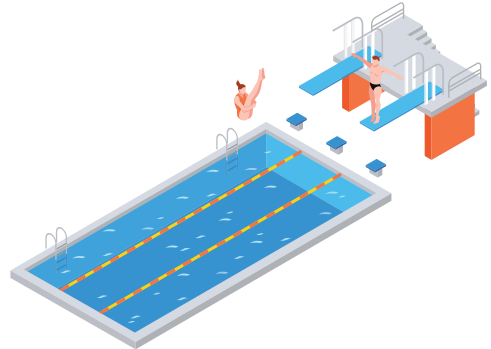


A car can travel 42 km with 6 liters of gasoline.

How many liters of gasoline are needed for it to travel 756 km? (4 points)

- A) 100 B) 108 C) 112 D) 116

Q20:



In an empty pool, the first faucet fills 40 liters of water in 10 minutes, and the second faucet fills 72 liters of water in 12 minutes.

When both faucets are turned on together, how long will it take to fill a 960-liter pool? (4 points)

- A) 1 hour 36 minutes
B) 1 hours 30 minutes
C) 1 hour 16 minutes
D) 2 hours

Q21:  40 mm

If 50 pieces of string, each 40 mm in length, are connected end-to-end, how many centimeters of string will be obtained? (5 points)

- A) 2 B) 20 C) 200 D) 2000

Q22:

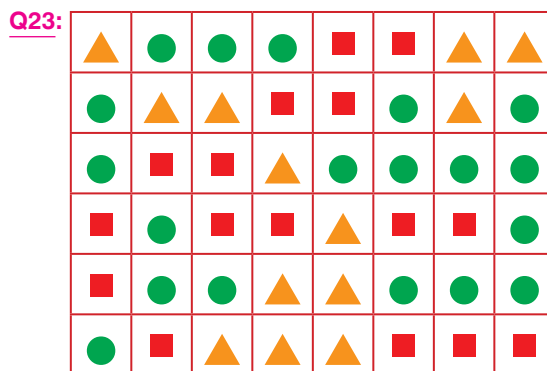


Paul was born on January 22, 2000.

By the time Paul turns 20 years old, how many times will February have had 29 days?

(5 points)

- A) 3 B) 4 C) 5 D) 6



The figure above is divided into equal parts.

Which of the following shows the correct ordering of the fractions represented by the shapes ▲, ●, and ■? (5 points)

- A) $\frac{19}{48} < \frac{16}{48} < \frac{13}{48}$ B) $\frac{18}{48} < \frac{16}{48} < \frac{14}{48}$
 C) $\frac{48}{18} < \frac{48}{16} < \frac{48}{14}$ D) $\frac{13}{48} < \frac{16}{48} < \frac{19}{48}$

Q24: The sum of two numbers is 72. The bigger number is three times as large as the smallest number.

Find the biggest number. (5 points)

- A) 24 B) 36 C) 48 D) 54

GRADE 3-4 QUESTIONS AND SOLUTIONS

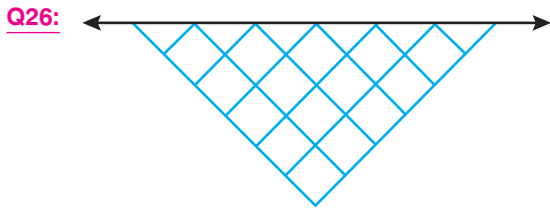
Q25: 🍎 + 🍎 + 🍎 = 36

🍎 + 🍌 + 🍌 = 28

🍌 + 🍎 = ?

Solve the equation. (5 points)

- A) 20 B) 18 C) 16 D) 14



Matthew will draw the mirror image (reflection) of the shape above.

According to this, what will be the area of the resulting shape in square units? (6 points)

- A) 16 B) 18 C) 24 D) 36

Q27:



How many of the letters above have more than one line of symmetry? (6 points)

- A) 1 B) 3 C) 5 D) 6

Q28: To obtain a straight angle, how much should we add to the largest acute angle? (6 points)

- A) 180° B) 89° C) 90° D) 91°

Q29: ★ : 3425 m = 3 km 425 m

■ : 5 km 500 m = 5500 m

● : 1200 m = 12 km

▲ : 780 m = 7 km 80 m

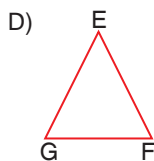
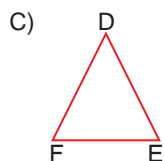
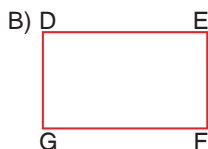
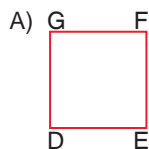
Which of these conversions are correct?

(6 points)

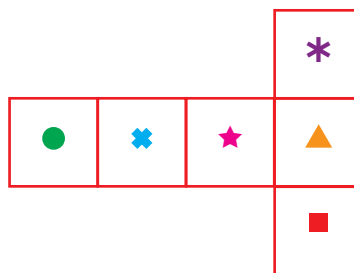
- A) ★ and ● B) ★ and ■
 C) ■ and ▲ D) ● and ▲

- Q30:**
- There is a vertex D.
 - There is a side FG.
 - There is no side FD.
 - The side DE is equal to the side DG.

Which of the shapes below can satisfy all of the given properties? (6 points)



Q31:



Betty is assembling the cardboard with the layout shown on the above.

Which of the following pairs of faces do not face each other? (7 points)

- A) ■ and * B) ▲ and *
 C) ★ and ● D) ▲ and ●

Q32:



Lucy has \$150 more than Kevin, and Mark has \$90 less than Kevin.

If the three friends have a total of \$960, how much money does Lucy have? (7 points)

- A) \$300 B) \$390
 C) \$450 D) \$540

GRADE 3-4 QUESTIONS AND SOLUTIONS

Q33:

Starting Number	Result
3	10
4	13
6	19
9	29
11	?

There is a pattern between the numbers given above.

Based on this pattern, find the number that must be written instead of “?”. (7 points)

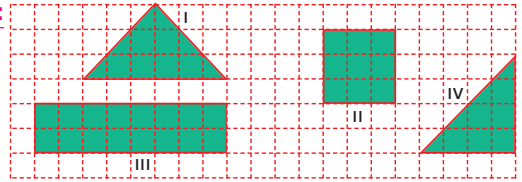
- A) 31 B) 34 C) 37 D) 40

Q34: Mary is writing the largest possible odd natural number using the digits 0, 4, 5, and 9.

Which of the following numbers is not a divisor of this number? (7 points)

- A) 3 B) 5 C) 6 D) 9

Q35:



In the diagram above, the areas of the shaded shapes are to be ordered from largest to smallest.

Which of the following options correctly orders the areas from largest to smallest? (7 points)

- A) $IV > II = I > III$
 B) $I > II > III > IV$
 C) $III > I = II > IV$
 D) $III > II > I > IV$