Q1. Sofia's swimming class lasted 1 hour 20 minutes. If the class ended at 4:10 PM, what time did it start?

A. 2:50 PM
B. 3:00 PM
C. 3:10 PM
D. 3:30 PM

Q2. What is the sum of 32 + 320 + 3200 + 32000?

A. 35 252
B. 35 432
C. 35 552
D. 35 525

Q3. A soccer team practices every 5 days. The first practice was on February 3 (Thursday) in 2025. What day will the team practice on March 5?

A. Monday
B. Tuesday
C. Saturday
D. Sunday

Q4. A store had 50 liters of water. It sold:

- 10 liters in big bottles,

- 15 liters in medium bottles,

- The rest in 0.5-liter small bottles.

How many small bottles were sold?

A. 25
B. 30
C. 40
D. 50

Q5. Sequence: 6, 13, 22, 33, 46, …
What is the next number?

A. 52
B. 55
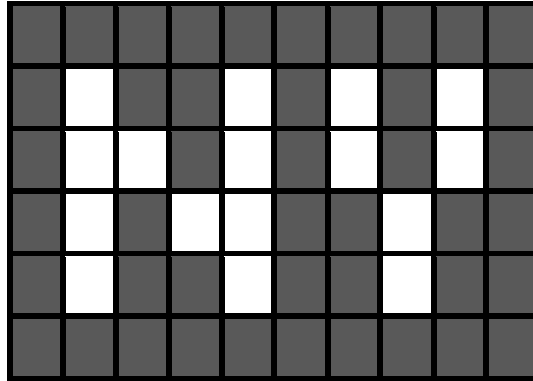C. 58
D. 61

Q6. Find the value of the following expression.
$$\left(3 - \frac{4}{5}\right) \times 5 - \left(\frac{3}{4} - 1\frac{1}{5}\right) \div \frac{1}{20}$$

A. 12
B. 20
C. 24
D. 32

Q7. John drives 180 miles in 3 hours at the same speed. How far will he drive in 5 hours?

A. 200 miles
B. 250 miles
C. 300 miles
D. 350 miles

Q8. What fraction of the figure below is not shaded?

A. $\frac{4}{15}$

B. $\frac{10}{15}$

C. $\frac{11}{15}$

D. $\frac{13}{15}$

Q9. If 1 mile is equivalent to 1.609 kilometers, then 1 206 750 centimeters are equivalent to how many miles?
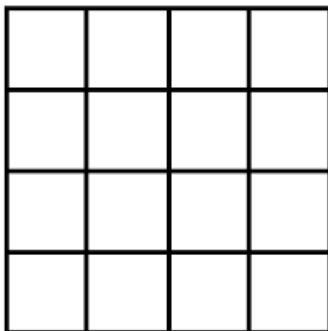
A. 7.5
B. 75
C. 7500
D. 750 000

Q10. How many squares are there in the 4×4 grid below?

A. 16
B. 24
C. 28
D. 30

Q11. How many times does the digit "3" appear from 1 to 100?

A. 12
B. 15

C. 18
<mark>D. 20</mark>

Q12. Liam buys 4 shirts for $20 each and 3 pants for $30 each. If he receives a $50 discount, how much does he pay in total?

A. $170
B. $150
<mark>C. $120</mark>
D. $100

Q13. Find the value of $T + J + K$.

$$
\begin{array}{r}
T \quad J \quad K \\
\times \quad\quad 2 \quad 7 \\
\hline
9 \quad 6 \quad 6 \quad 6 \\
\hline
\end{array}
$$

A. 12
<mark>B. 16</mark>
C. 18
D. 21

Q14. If $\overline{47B42}$ is divisible by 6, what is the sum of the possible value(s) of B?

A. 5
B. 8
<mark>C. 12</mark>
D. 14

Q15. Consider $a\#b = a \times b + a - b$. For example: $3\#2 = 3 \times 2 + 3 - 2 = 7$. So, calculate the value of $(5\#9) + (3\#8)$.
A. 45
B. 58
<mark>C. 60</mark>
D. 64

Q16. Find the value of C so that the equality below is true.

$$5 \times C + 3 \times C - 5 = 9 \times 3$$

(Answer: C = 4)

Q17. In a class of 35 students, 21 like playing board games and 20 like drawing. However, 6 do not like either activity. How many students like both board games and drawing?
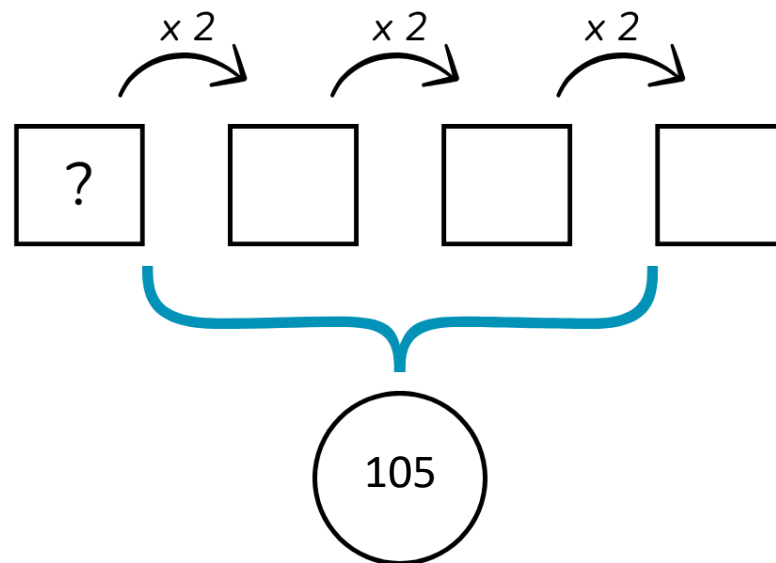
(Answer: 12)

Q18. Find the value of the following expression.

$$\left(2 - \frac{8}{10}\right) - \left(\frac{2}{3} - 3\frac{1}{5}\right) \div \frac{2}{3}$$

(Answer: 5)

Q19. Max wrote a number in the very left square. The next number he wrote (on the second square) was twice the first number, and so on (doubling the previous square each time) he completed two more squares. He then calculated the sum of all four numbers and wrote it on the circle (105), but the cosmic wind erased the four initial numbers!

Can you deduce which number was written in the initial square?

(Answer: 7)

Q20. Mia delivers 6 newspapers in 2 minutes. Leo delivers 9 newspapers in 3 minutes. If they must deliver 45 newspapers together, how many minutes will it take?

(Answer: 7.5 minutes)