

- (10) The width of the circular track shown in the picture is 3 meters. If the radius of the inner circle is 5 meters, the area of the track = m². (assume $\pi = 3$ for this question)



- (11) Find the sum of the following integers:

$$(-39322) + (-12800) = \text{_____}$$

- (12) Ashley got 40% in her Maths test. If the test was of 10 marks, then how many marks did she get?

- (13) If the radius of the wheel of a rickshaw is 25.2 cm. How many revolutions of the wheel are required to travel a distance of 253.44 meters?

- (14) If the 20th element of an arithmetic progression is 353 and the difference between the 47th element and the 34th element is 221, then what is the first element of the AP?

a. 13

b. 30

c. 47

d. 64

- (15) Solve the following and reduce to the simplest form:

$$\left(1\frac{1}{2} \div 2\frac{1}{2} \right) + 2\frac{1}{2} = \frac{\boxed{}}{\boxed{}}$$



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Answers

(1) 24

(2) **c.** $a + b - n$

(3) 25

(4) **a.** Robert twins win the race by 30 seconds

(5) 24

(6) **b.** $3\sqrt{3}V$

(7) $\frac{1}{324}$

(8) **d.** \$630

(9) **c.** 13

(10) 117

(11) -52122

(12) 4

(13) 160

(14) **b.** 30

(15) $\left(1\frac{1}{2} \div 2\frac{1}{2} \right) + 2\frac{1}{2} = \frac{\boxed{31}}{\boxed{10}}$