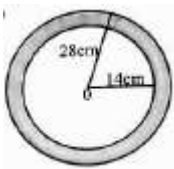


5. In a certain county, 435678 people go to work by road. Round off the number of people to the nearest tens of thousands. (1mk)
6. Work out the following and give your answer to 2 decimal places: $1.6 + 3.4 + 0.015$. (2mks)

2

7. What is the area of the shaded part of the following figure if O is the centre of the circle? (use $\pi = 22/7$) (2mks)



8. Evaluate: $\frac{30 \times 16}{20} + 11$ (2mks)

9. What is the smallest number that can be subtracted from 81766 to make it divisible by 11? (2mks)

19. We convert all to decimals to compare:

$$5/6 = 0.833$$

$$2/3 = 0.667$$

$$5/8 = 0.625$$

$$3/4 = 0.75$$

$$1/2 = 0.5$$

From largest to smallest:

$$5/6, 3/4, 2/3, 5/8, 1/2$$

20. 16864 dm

9

21. Total flour = 160 kg = 160,000 g

Packet size = 250 g

Number of packets = $160,000 \div 250 = 640$

Answer: 640 packets

22. Length = 150 m

Width = 75 m

Gate = 3.5 m

Perimeter = $2 \times (150 + 75) = 2 \times 225 = 450$ m
Remaining length to fence = $450 - 3.5 = 446.5$ m

Since he uses 4 strands of wire:

Total wire = $4 \times 446.5 = 1786$ m

23. Meeting duration = 3 hours 25 minutes
Ending time = 1:36 p.m.

Subtract 3 hours: 1:36 p.m. $\rightarrow$ 10:36 a.m.

Subtract 25 minutes: 10:36 a.m. $\rightarrow$ 10:11 a.m.

24. 54

25. Total packets = 15,962

Packets given to pupils = 798

Remaining packets = $15,962 - 798 = 15,164$

Price per packet = 60

Total money = $15,164 \times 60 = 909,840$

26. Buying price = 357,000

Repair cost = 175,000

Total cost = 357,000 + 175,000 = 532,000

Selling price = 756,500

Profit = 756,500 - 532,000 = 224,500

27. 1 cm rep 20 km