Middle Primary Division

Questions 1 to 10, 3 marks each

1. Which of these numbers is the smallest?

(A) 321 (B) 213 (C) 312 (D) 231 (E) 132

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2. $29 - 7$ is

(A) 36 (B) 23 (C) 22 (D) 27 (E) 26

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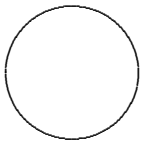
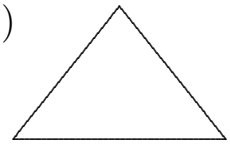
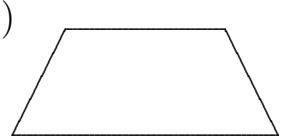
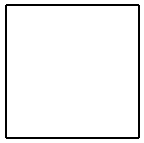
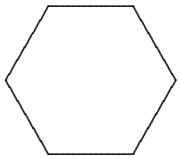
3. Which of these shapes is a square?

(A) 

(B) 

(C) 

(D) 

(E) 

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4. 4×8 equals

(A) 12 (B) 28 (C) 32 (D) 36 (E) 48

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5. Which number is half of twenty-two?

(A) 10 (B) 11 (C) 8 (D) 12 (E) 44

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6. The answer to $23 + 65$ is

(A) 42 (B) 48 (C) 82 (D) 88 (E) 98

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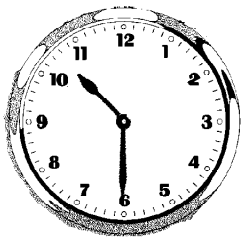
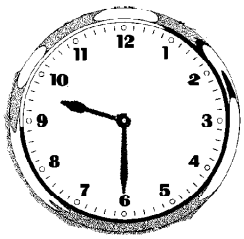
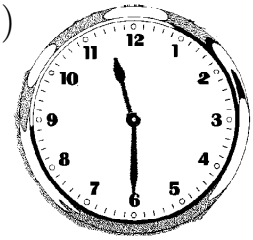
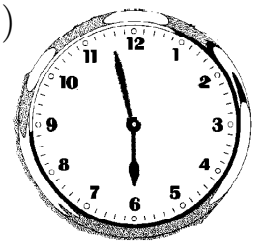
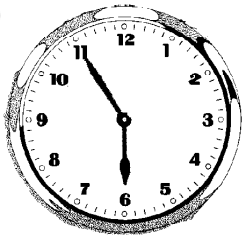
7. If recess begins at 11:00 am and lasts for half an hour, what time does recess end?

(A) 

(B) 

(C) 

(D) 

(E) 

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8. Five friends share 20 sweets equally between them. How many do each of them get?

(A) 20 (B) 5 (C) 4 (D) 1 (E) 6

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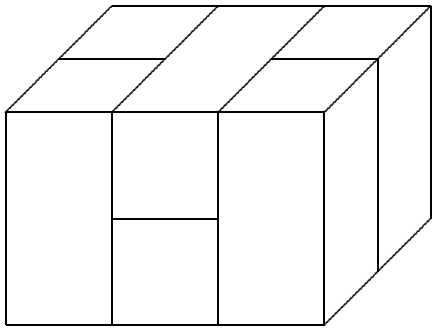
9. If all the blocks are the same size, how many blocks were used to build this shape?



(A) 4 (B) 6 (C) 8 (D) 10 (E) 12

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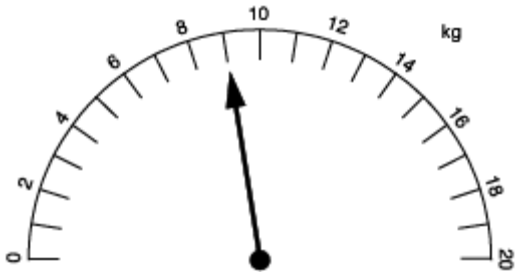
10. Tom fills a 10 L bucket using a 2 L jug. How many jugfuls will he need?

(A) 5 (B) 3 (C) 4 (D) 2 (E) 8

MP 3

Questions 11 to 20, 4 marks each

11. This scale reads



(A) 8 kg (B) 10 kg (C) $8\frac{1}{2}$ kg (D) $9\frac{1}{2}$ kg (E) 9 kg

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12. Which of the following would weigh about 10 kg?

(A) a teacher (B) a glass of water (C) a car
(D) a bicycle (E) a pencil

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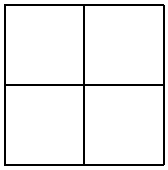
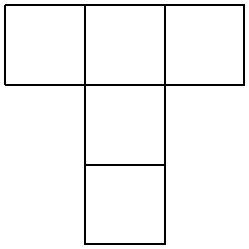
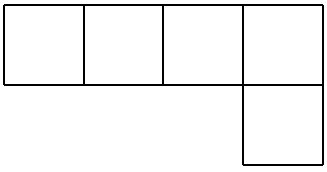
13. Which shape has the largest area?

(A) 

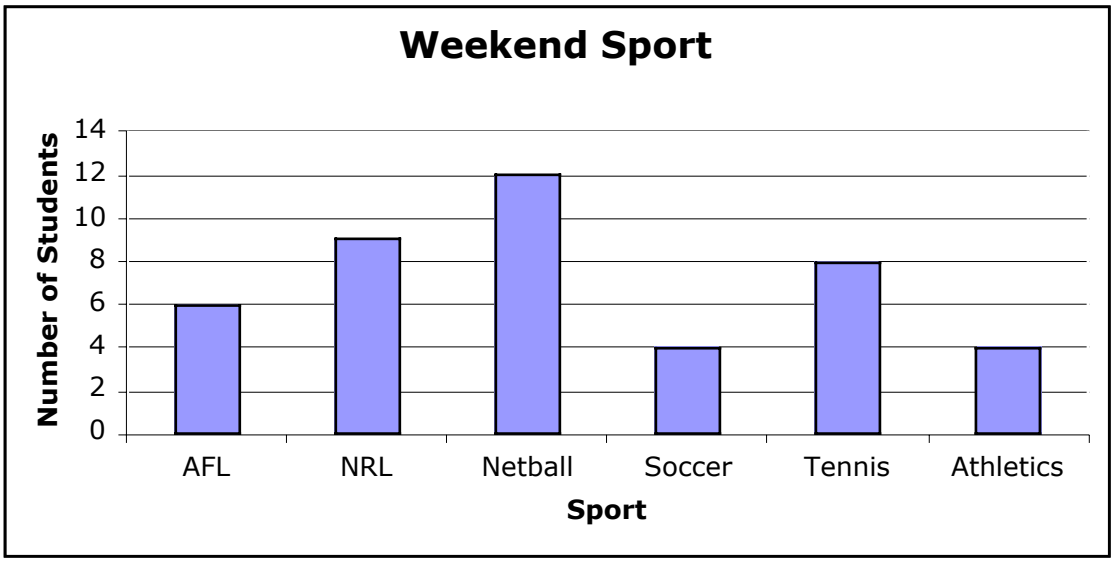
(B) 

(C) 

(D) 

(E) 

14.



How many students play tennis at the weekend?

(A) 4 (B) 6 (C) 8 (D) 9 (E) 12

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15. If I can walk 1 km in 10 minutes, how far can I walk in an hour and a half?

(A) 10 km (B) 36 km (C) 6 km (D) 9 km (E) 12 km

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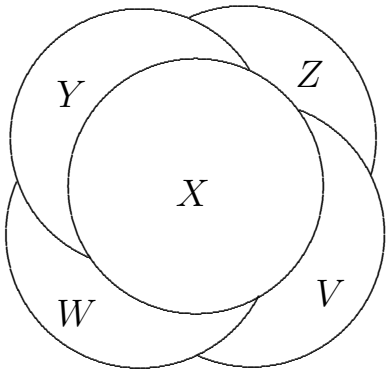
16. Five coins lie on a table as shown in the diagram. In what order were they placed?



(A) Z, V, W, Y, X (B) Y, X, Z, W, V (C) X, W, V, Z, Y

(D) X, Y, Z, W, V (E) Z, Y, W, V, X

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17. Which of the following is closest to 48×6?

(A) 240 (B) 270 (C) 300 (D) 320 (E) 500

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18. Jenny bought five stickers for 10 cents each. How much change did she get from one dollar?

(A) 50 c (B) 40 c (C) 45 c (D) 35 c (E) 55 c

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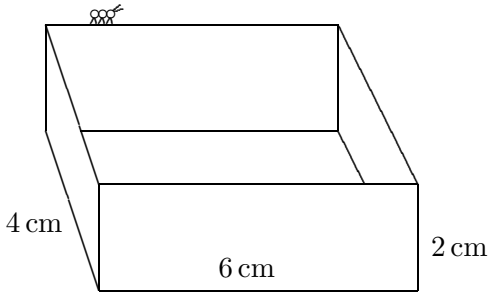
19. An ant walks once around the top edges of this box, How far does it walk?



(A) 20 cm (B) 14 cm (C) 16 cm (D) 24 cm (E) 10 cm

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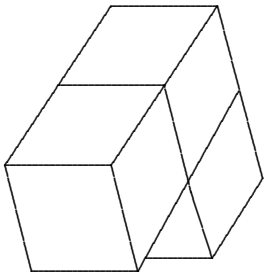
20. 3 cubes are joined as shown and then painted. How many faces of the cubes do *not* get painted?

(A) 3 (B) 4 (C) 5 (D) 6 (E) 2



Questions 21 to 30, 5 marks each

21. Gary needed to multiply a number by 5. Instead he divided by 5 and got 3. What should the answer have been?

(A) 3 (B) 15 (C) 30 (D) 50 (E) 75

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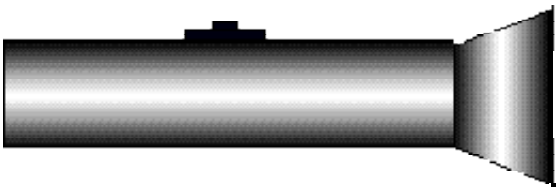
22. Chris thinks of a number, multiplies it by 3 and then adds 4. He gets a result of 19. What was his original number?

(A) 5 (B) 12 (C) 15 (D) 3 (E) 61

23.



A torch uses 2 batteries every 6 hours.

Batteries are sold in packs of 4. How many packs of batteries are needed to run the torch for 48 hours?

(A) 2 (B) 4 (C) 8 (D) 12 (E) 16

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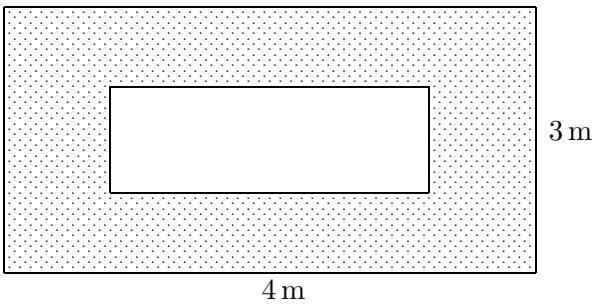
24. What is the area of the shaded path if the path is 1 m wide?



(A) $4\,\text{m}^2$ (B) $6\,\text{m}^2$ (C) $8\,\text{m}^2$ (D) $10\,\text{m}^2$ (E) $12\,\text{m}^2$

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25. There are 10 telegraph poles in a straight road, 100 m apart. The distance from the first to the last is

(A) 900 m (B) 1000 m (C) 800 m (D) 100 m (E) 1100 m

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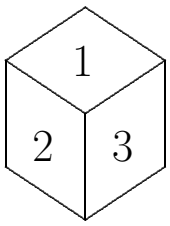
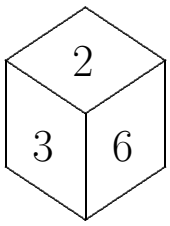
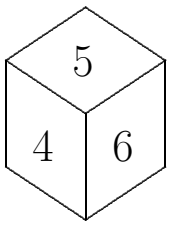
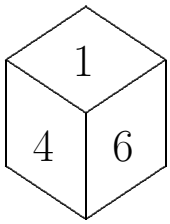
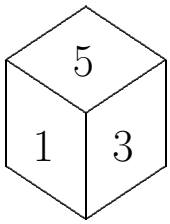
26. A cube has the numbers 1 to 6 written on its faces in such a way that the numbers on opposite faces always add up to 7. Which of the cubes below could *NOT* be that cube?

(A) 

(B) 

(C) 

(D) 

(E) 

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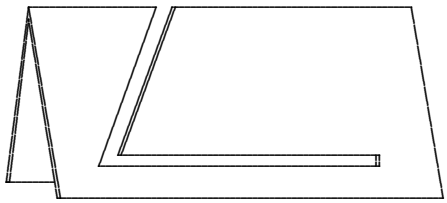
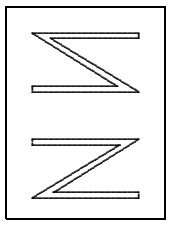
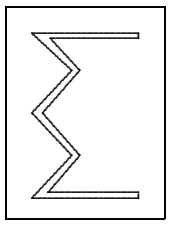
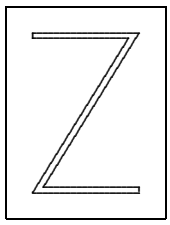
27. A rectangular sheet of paper is folded in half and then folded in half again. A piece is cut out of the folded paper as shown. The sheet is then smoothed out to its original size again.

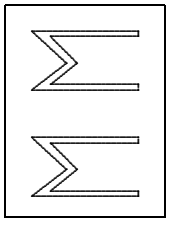


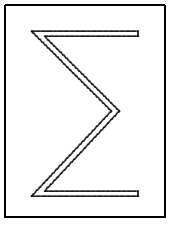
Which one of the following could it be?

(A) 

(B) 

(C) 

(D) 

(E) 

28. Which could not be an odd number?

(A) an odd number multiplied by itself
(B) an odd number plus two
(C) twice an odd number
(D) an odd number multiplied by another odd number
(E) three times an odd number

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29. You roll 2 six sided dice and add the two numbers together. What result is the most likely?

(A) 2 (B) 12 (C) 10 (D) 8 (E) 7

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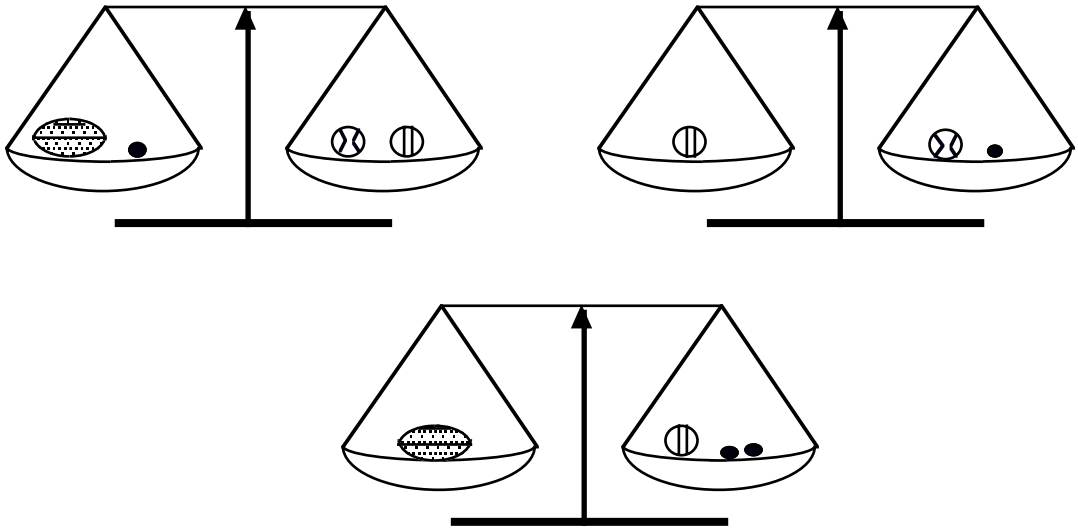
30. In the diagram, • is a squash ball,  is a cricket ball,  is a tennis ball,  is a football and the scales show what balances.



How many squash balls will balance a football?

(A) 3 (B) 4 (C) 5 (D) 6 (E) 7

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