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## Middle Primary Division

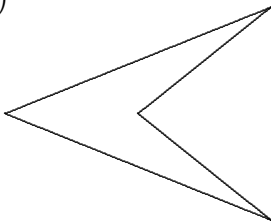
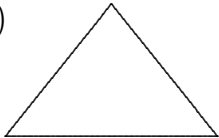
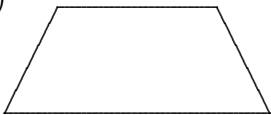
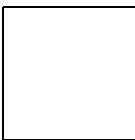
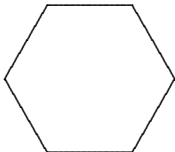
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### Questions 1 to 10, 3 marks each

1. Which of these numbers is the largest?

- (A) 321      (B) 213      (C) 317      (D) 231      (E) 198
- 

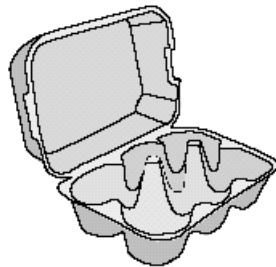
2. Which of these shapes has the most sides?

- (A)       (B)       (C) 
- (D)       (E) 
- 

3.  $4 \times 6$  equals

- (A) 12      (B) 28      (C) 32      (D) 36      (E) 24
- 

4. How many of the egg cartons below do you need to hold 14 eggs?



- (A) 1      (B) 2      (C) 3      (D) 4      (E) 5
-

5. Jay's frog jumped 39 cm. Matilda's frog jumped 56 cm. How much further did Matilda's frog jump than Jay's frog?

- (A) 15 cm      (B) 17 cm      (C) 23 cm      (D) 83 cm      (E) 95 cm
- 

6. My dog eats  $\frac{1}{2}$  kg of dog food each day. How much dog food does he eat each week?

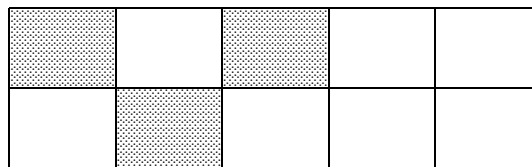
- (A)  $\frac{1}{2}$  kg      (B) 1 kg      (C) 2 kg      (D)  $3\frac{1}{2}$  kg      (E) 7 kg
- 

7. In the grid, which object is found in the third square from the right, on the second row from the top?

∞		⊗	□
	⊕	♥	◇
♥	△	*	
	⊙	⊕	⊗

- (A) ⊕      (B) ♥      (C) ⊗      (D) ◇      (E) \*
- 

8. What fraction of the whole rectangle is shaded?

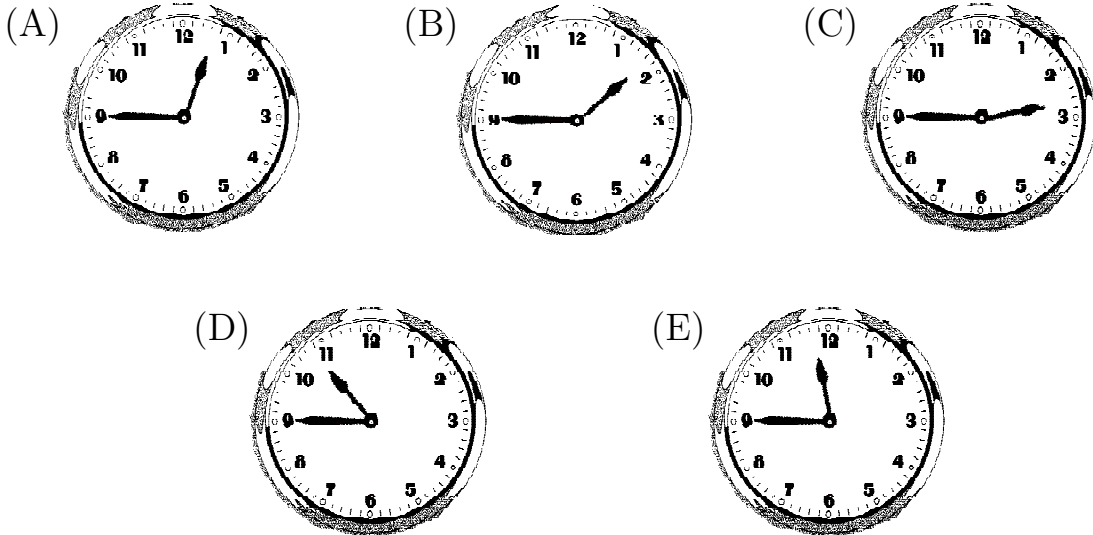


- (A)  $\frac{3}{10}$       (B)  $\frac{3}{7}$       (C)  $\frac{7}{10}$       (D)  $\frac{7}{3}$       (E)  $\frac{10}{3}$
-

9. Of the following numbers, which is the largest even number?

- (A) 7            (B) 12            (C) 21            (D) 22            (E) 31
- 

10. Which clock shows the time 2:45?

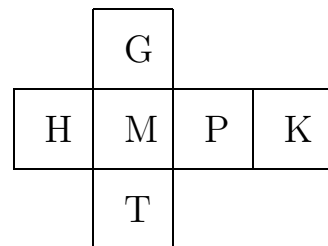


Questions 11 to 20, 4 marks each

11. 12 tens and 34 hundreds is equal to

- (A) 1234            (B) 3520            (C) 3412            (D) 34120            (E) 352
- 

12. A net of a cube is drawn with letters on it as shown. When the net is made into a cube, what letter is opposite M?



- (A) H            (B) T            (C) P            (D) K            (E) G
- 

13. Anne, Bob and Claire have 20 sweets in a pile. Anne takes half the pile and Bob then takes half of what is left. Claire gets the remaining sweets. How many sweets does Claire get?

- (A) 0            (B) 4            (C) 5            (D) 10            (E) 15
-

14. A lesson finished at 10:10 am. If the lesson was 55 minutes long, it started at

- (A) 9:15 am   (B) 9:45 am   (C) 9:00 am   (D) 8:45 am   (E) 8:30 am
- 

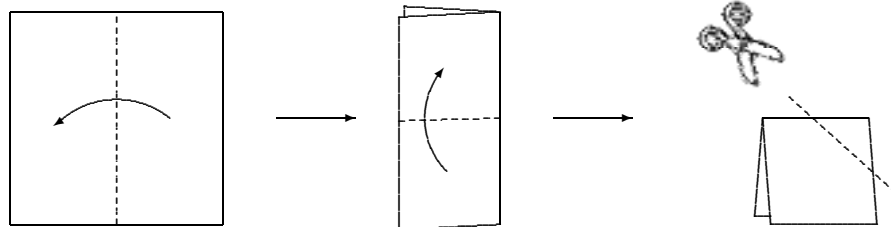
15. Some friends cut up 15 apples. They cut 7 into halves and the rest into quarters. How many pieces of apple were there?

- (A) 28            (B) 46            (C) 30            (D) 44            (E) 64
- 

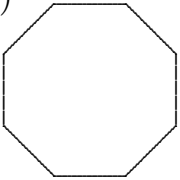
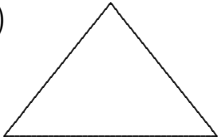

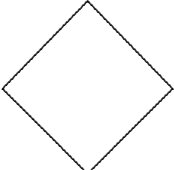
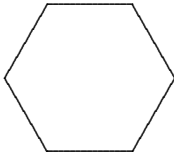
16. A square has a perimeter of 12 cm. What is its area in square centimetres?

- (A) 3            (B) 6            (C) 9            (D) 12            (E) 36
- 

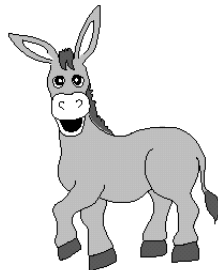
17. A square piece of paper is folded along its center line and then folded again as shown.



A cut is made along the dotted line in the third diagram. When the paper is unfolded, it now has a hole in the centre. Which of the following could be the shape of this hole?

- (A)             (B)             (C) 
- (D)             (E) 
-

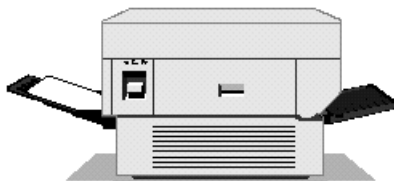
18. In Farawayland animals are measured in swords and daggers. Puss-in-Boots is 2 swords tall or 5 daggers tall. Donkey is 15 daggers tall.



How tall is Donkey in swords?

- (A) 2                      (B) 5                      (C) 6                      (D) 30                      (E) 525
- 

19. A printer prints 3 pages per minute.



How long would it take to print 189 pages?

- (A) 50 mins (B) 55 mins (C) 58 mins (D) 1 hr 3 mins (E) 1 hr 5 mins
- 

20. Lee tosses a coin 10 times. Which best describes the chance that the coin will come up heads 9 times?

- (A) certain                      (B) unlikely                      (C) likely  
(D) impossible                      (E) fifty-fifty
-



**25.** If 4 days after the day before yesterday is Sunday, what day of the week is tomorrow?

(A) Thursday

(B) Friday

(C) Saturday

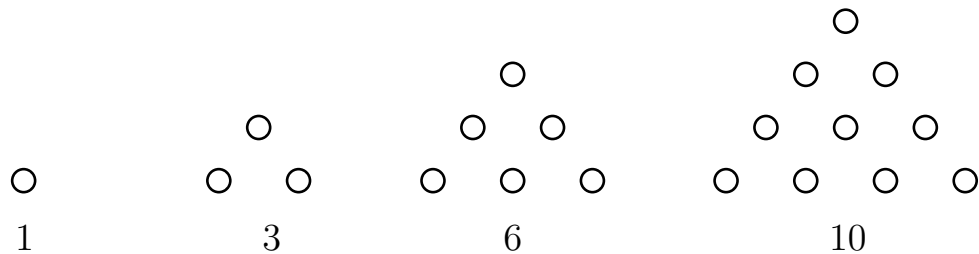
(D) Sunday

(E) Monday

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**For questions 26 to 30, shade the answer as a whole number from 0 to 999 in the space provided on the answer sheet.**

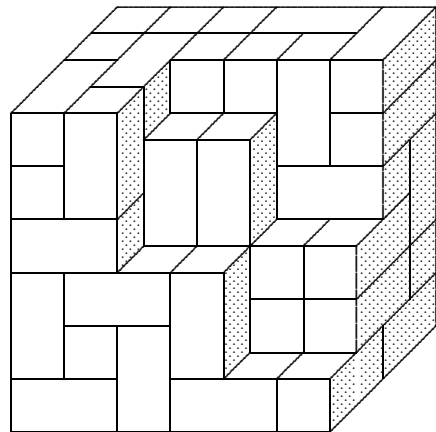
**26.** These are the first 4 triangular numbers.



What is the 9th triangular number?

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**27.** I had some 2 cm by 1 cm by 1 cm bricks and decided to build a large block. When I had built this much, I ran out of bricks. How many bricks did I have to start with?

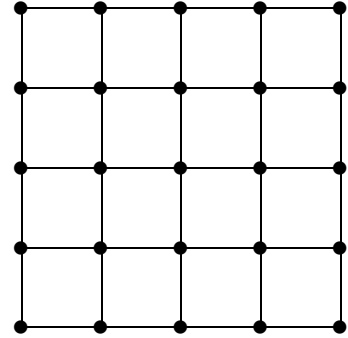




**28.** How many numbers are there from 10 to 99 in which the digits differ by 3? (14 is such a number and 92 is not)

- (A) 10            (B) 11            (C) 12            (D) 13            (E) 14
- 

**29.** A  $4 \times 4$  grid is made using 40 matches as shown. How many matches are needed to construct a  $10 \times 10$  grid?



**30.** Lee buys two drinks and one ice-cream for \$7. Kim buys one drink and two ice-creams for \$8. Mario buys one drink and one ice-cream. How much, in dollars, will this cost Mario?

\* \* \*

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