



THE
KINGSLEY
SCHOOL

MATHEMATICS

Practice Entrance Examination **to Year 7**

Time: 45 MINUTES

Instructions to candidates

There are 26 questions on the paper.
Answer as many of them as you can.

If you find any question difficult, go on to the next question and return to the difficult question when you have completed the rest.

You may **NOT** use a calculator.

Marks are available for correct methods so **show your working** clearly on the paper

Write your answer to each question in the space indicated

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1. $489 + 375 + 92$

Answer: _____

2. $78 + 263 - 174$

Answer: _____

3. Subtract 1476 from 3200

Answer: _____

4. $14.8 - 5.67$

Answer: _____

5. 372×6

Answer: _____

6. $672 \div 8$

Answer: _____

7. $816 \div 17$

Answer: _____

8. 58×36

Answer: _____

12. Jane buys 500g of cheese which costs £7.48 per kilogram, eight apples at 12p each and two yoghurts at 46p each. How much change does she get from a £10 note?

Answer: £ _____

13. Sandeep watched television from 5:35pm until 7:10pm. How long did she spend watching television?

Answer: _____

14. The cost of a residential trip is £216 per person. What would the total cost be for 67 people to go on the trip?

Answer: £ _____

15. Write 0.4 as a fraction in its lowest terms.

Answer _____

16. Calculate: $1\frac{3}{4} + 2\frac{1}{2}$

Answer _____

17. A stamp costs 46p. How many can I buy with £3?

Answer _____

18. A cinema ticket is £6.34 for adults and £4.75 for children. How much would it cost a family of 2 adults and 3 children to all go to the cinema?

Answer £ _____

19. (a) What is the perimeter of a square with sides 4cm?

Answer _____

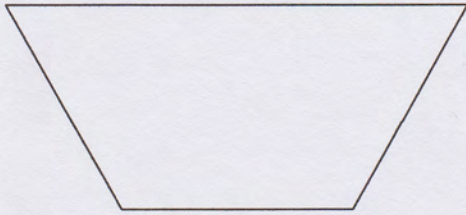
(b) What is the area of a square with sides of 7cm?

Answer _____

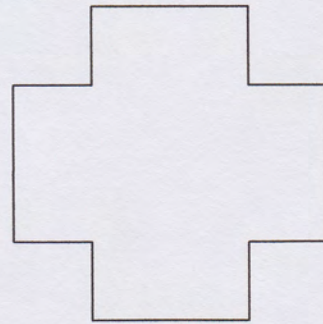
20. For the following shapes:

(a) Draw any lines of symmetry on the shape

(b) State the order of rotational symmetry



Order _____



Order _____

21. (a) State the coordinates of point A marked with a cross.

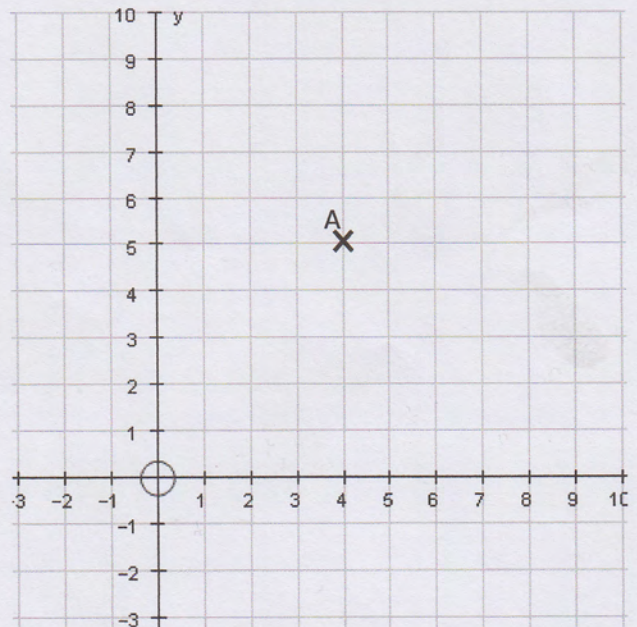
Answer _____

(b) Plot the point (0, 3) and label it B.

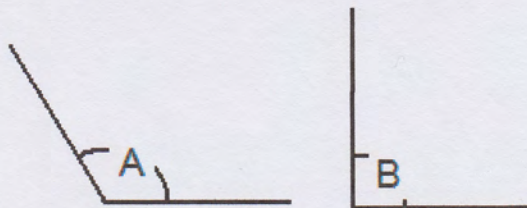
Answer _____

(c) State the coordinates of the midpoint of AB.

Answer _____



22. Complete the sentences:



Angle A is an example of a angle.

Angle B is an example of a angle

23. There are 5 people in a room. Their ages, in years, are:

33 18 24 17 48

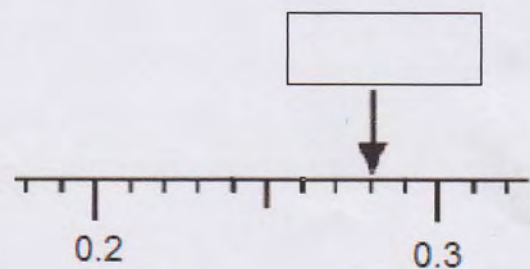
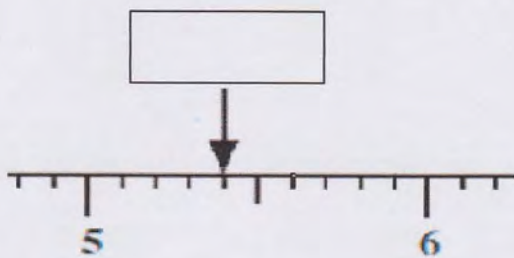
a) Calculate the mean age of the people in the room.

Answer _____

b) State the range in the ages.

Answer _____

24. State the numbers marked with an arrow on the scales:



25. I think of a number. I double it and add six. The answer is 28.
What was my number?

Answer _____

26. Jane is 5 years older than Jack. If the sum of their ages is 33. How old is Jane?

Answer _____

END