GENERAL ABILITY 3

ROB OLLIS

Edition 1

MASTER COACHING

General Ability

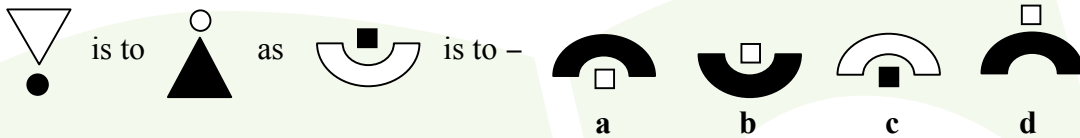### Circle the correct answer

1. Jolin is 5 years older than Mia. In 5 years times Jolin will be

    a 10 years older than Mia   **b** twice as old as Mia
    c the same age as Mia   **d** less than six years older than Mia

2. The number in each box go together by following the *same* rule. Decide what the rule is, and then choose the number that goes where you see the question mark.

    | 21, 7 | | 15, 5 | | 30, ? | **a** 3   **b** 10   **c** 15   **d** 20

3.

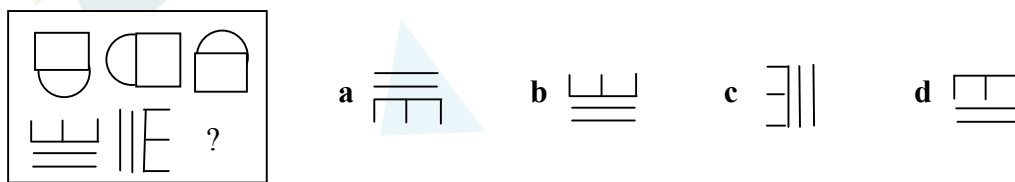**4.** What number comes next in this series?   5 9 4 8 3 7 2 ?

    a 1   **b** 3   **c** 5   **d** 6

5. If Carlos is older than Lisa, Lisa is the same age as Karen, and Karen is younger than Diana, which of the following is also true?

    a Karen is older than Carlos   **b** Diana is younger than Carlos
    c Carlos is the same age as Karen   **d** Diana is older than Lisa

6. The drawings in the box go together in a certain way. Find the drawing that goes where you see the question mark (?) in the box.

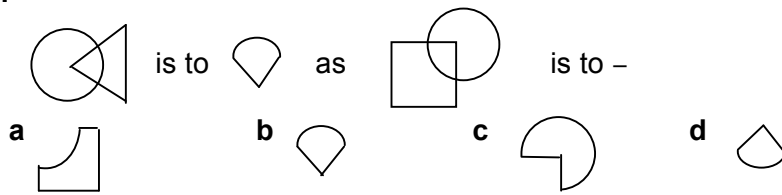**7.** The numbers in each box go together by following the *same* rule. Decide what the rule is, and then find the missing number (?) that goes in the last box.

    | 16, 4, 32 | | 28, 7, 56 | | 12, 3, ? | **a** 18   **b** 21   **c** 24   **d** 27

8. The average Australian male has how many birthdays?

    a 1   **b** 70   **c** 75   **d** more than 75

31.

is to [shape] as [square+circle] is to –

a [shape]   **b** [shape]   **c** [shape]   **d** [shape]

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32. Three months ago it was 5 months until Christmas. This month is

a July   **b** August   **c** September   **d** October

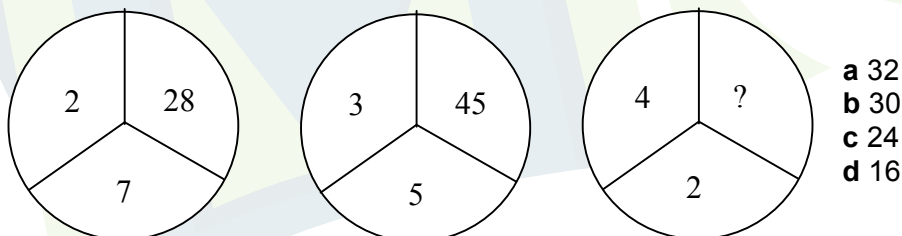..

33. Kurt and Hans earn extra money on their back packer trip to Australia by picking apples. For every 3 apples Kurt picks, Hans can only pick two. They are paid according to the number of apples they pick. Kurt is paid $120 for 2 days work. How much did they earn in total during that time?

a $80   **b** $180   **c** $200   **d** $240

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34. The five schools in Philpott District play each other 3 times a year in netball. The total number of netball games per year would be
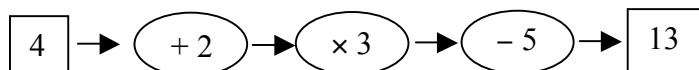
a 30   **b** 24   **c** 60   **d** 125

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35. What number is needed to complete this grist?

a 32
b 30
c 24
d 16

....

36. Twice a half of two and one half is equal to three times a third of

a $3\frac{1}{3}$ **b** $2\frac{1}{2}$ **c** $3\frac{3}{4}$ **d** none of these

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37. If I use these steps and begin with 4, I finish with 13

What would I finish with, if I began with 5?
a 14   **b** 16   **c** 24   **d** 26

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38. Neehlam was born on 22nd June 2007. How old was she on 22 July?
(There are 30 days in June and 31 days in July)
a 4 weeks   **b** 4 weeks 2 days
c 4weeks 3 days   **d** 5 weeks

39. Ten CONSECUTIVE numbers starting with the first number 100, add to 1045. Then, ten CONSECUTIVE numbers starting with 101 would add to

a 1055   **b** 1046   **c** 1155   **d** 1056

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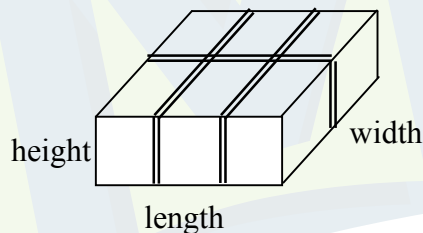
40. Six students are waiting at the bus stop. Two students, Mary and Jane, are girls. The other four, Carl, Mike, Ken and Sam are boys. Jane, Mike and Sam are wearing jumpers. Mary, Jane, Mike and Ken have cases while the others have backpacks. Which boy is carrying a case and wearing a jumper?

a Carl   **b** Mike   **c** Ken   **d** Sam

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41. Consider the sequence: 3H   M7   Q10   12T   13V?
What is the next term?

a W13   **b** W14   **c** 13W   **d** 14W

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42. Big Town is 60 km from Little Village. It takes one hour to travel to Big Town from Little Village at an average speed of 60 km/hour. If I travel the first half of the distance to Big Town from Little Village at 30 km/hour, at what speed must I complete the journey to average 60 km/ hour?

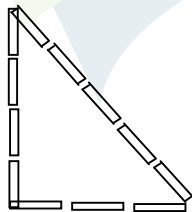**a** 80 km/hour   **b** 90 km/hour   **c** 120 km/hour   **d** none of these

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43. From question 28 above, if the second part of the journey was completed in a further two hours, the average speed for the journey would be

a 20 km/hour   **b** 30 km/hour   **c** 40 km/hour   **d** none of these

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44. One way to wrap string around a parcel is shown. Approximately how much string is needed for the package if it is 60 cm long, 40 cm wide and 20 cm high?

a 200 cm
b 280 cm
c 400 cm
d 960 cm

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45. Rob had a chain of 12 identical paper clips. He made a 3, 4, 5 triangle.

If he must use all 12 clips and he is not allowed to bend or break the clips, which other triangle(s) could he have made?

a 5, 5, 2   **b** 6, 5, 1   **c** 2, 8, 2   **d** all of **a, b, c**

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