

Year 5 Class 17 questions

Q1

Andy is 6 years older than Phil. The sum of their ages is 14. How old is Andy?

10

Q2

4 boy's names are Oliver, Jack, Noah and Jason. Jack is shorter than Noah. Jason is the shortest of the 4 children. Oliver is taller than Noah.

Place the names in order from **tallest to shortest**.



Jack Noah, Jack, Jason Oliver Noah

Q3

Which of these numbers is divisible by 3?

22 14 17 18

Q4

Together Phil and John have raised \$286 for charity. Phil raised \$40 more than John. How much money did John raise?

\$ \$123

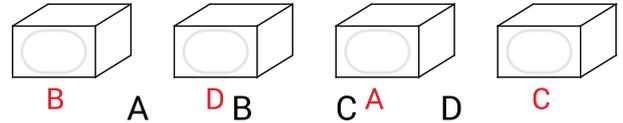
Q5

Find two numbers that have a product of 437 and have a difference of 4.

and 19 and 23

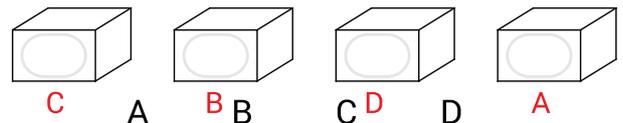
Q6

4 boxes are labelled A, B, C and D. Box A is to the right of B. A and B are on either side of D. C is to the right of D. Label the boxes correctly.



Q7

4 boxes are labelled A, B, C and D. Box A is to the right of B. A and B are on either side of D. C is on the far left. Label the boxes correctly.



Q8

Find the number less than 20 which is divisible by 4 and when divided by 5 has a remainder of 1.

16

Q9

Ben, Mark and Peter are three friends with surnames Edwards, Chapman and White. Mr Chapman and Mr White live in Darwin and Mark lives in Perth. Ben and Mark drive black cars while Mr White drives a red car.

Match the correct names.

Ben Peter

Mark Ben Chapman
Mark Edwards
Peter White

White Edwards Chapman

Q10

Find two numbers that multiply to give 100 and have a difference of 21.

and 4 and 25

Q11

Find two numbers that multiply to give 200 and have a difference of 35.

and 5 and 40

Q12

Find two numbers that multiply to give 90 and have a difference of 13.

and 5 and 18

Q13

Find two numbers that multiply to give 48 and have a difference of 8.

and 4 and 12

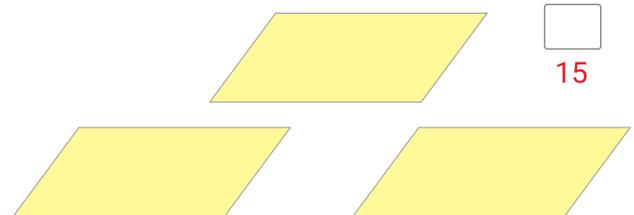
Q14

Cooper, Mike, Mel and Aiden are friends. Cooper is the tallest. Mike is between Mel and Aiden in height. Aiden is shorter than Mel. Place the names in order from shortest to tallest.

Aiden Mike Cooper Mike

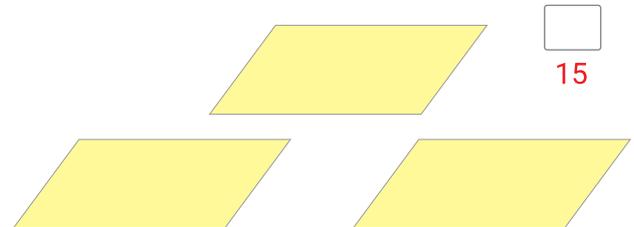
Q15

Four discs are to be moved from the left mat to the right mat. They can be moved to any mat *one at a time*. No disc can be placed on top of a smaller one and no disc can be moved from underneath another disc. Find the least number of moves required to move the discs from the left to the right.



Q16

Four discs are to be moved from the right mat to the left mat. They can be moved to any mat *one at a time*. No disc can be placed on top of a smaller one and no disc can be moved from underneath another disc. Find the least number of moves required to move the discs from the right to the left.



Q17

Find a number between 10 and 30 which is divisible by 4 and when divided by 5 has a remainder of 4.

24

Q18

Find an odd number between 40 and 90 which is divisible by 7 and when divided by 5 has a remainder of 2.

77

Q19

Find an even number between 30 and 90 which is divisible by 5 and when divided by 7 has a remainder of 3.

80

Q20

Find an even number between 20 and 90 which is divisible by 7 and when divided by 8 has a remainder of 6.

70

Q21

Find two numbers that have a product of 483 and have a difference of 2.

and 21 and 23

Q22

Find two numbers that have a product of 1599 and have a difference of 2.

and 39 and 41

Q23

Find two numbers that have a product of 700 and have a difference of 3.

and 25 and 28

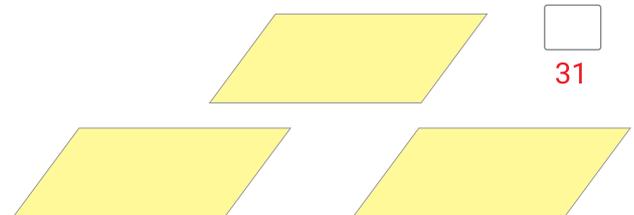
Q24

Hayley, Rita, Elisha and Carol are friends. Hayley is shorter than Elisha and taller than Carol. Rita is shorter than Carol. Arrange the names in order from tallest to shortest.



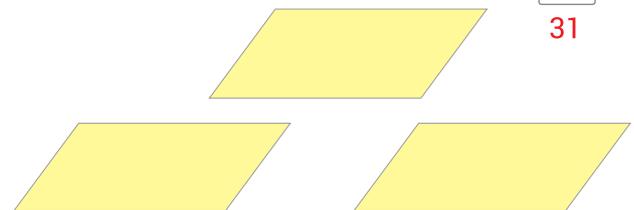
Q25

Five discs are to be moved from the left mat to the right mat. They can be moved to any mat *one at a time*. No disc can be placed on top of a smaller one and no disc can be moved from underneath another disc. Find the least number of moves required to move the discs from the left to the right.



Q26

Five discs are to be moved from the right mat to the left mat. They can be moved to any mat *one at a time*. No disc can be placed on top of a smaller one. Find the least number of moves required to move the discs from the right to the left.



Q27

Joanne, Paula and Belinda are cousins. Their ages are 17, 13 and 12 and their surnames are Coles, Toms and Winter. Miss Toms is 5 years older than Paula. Miss Coles is the youngest cousin and Joanne is 13 years old.

Which statement is correct?

- Joanne Toms is 13 years old
- Belinda Coles is 12 years old
- Paula Coles is 12 years old
- Paula Toms is 17 years old

Q28

Lydia, Emily and Kayla are cousins whose ages are 8, 10 and 15. Gibson, Harvey and Freeman are their surnames. Miss Harvey is 7 years older than Emily. Miss Gibson is the youngest cousin and Lydia's age is 10.

Which statement is correct?

- Emily Freeman is 8 years old
- Emily Harvey is 15 years old
- Lydia Gibson is 10 years old
- Kayla Harvey is 15 years old

Q29

Hank, Larry and Ken are friends whose surnames are King, Timbs and Jones. Their ages are 36, 38 and 41. Mr Timbs is 5 years older than Larry. Mr King is the youngest and Hank's age is 38.

Which statement is correct?

- Hank King is 38 years old
- Ken Timbs is 36 years old
- Hank Jones is 38 years old
- Larry Jones is 36 years old

Q30

Maxi, Arthur and Jack were asked to name their favourite Maths topic and chose algebra, geometry and probability. Jack does not like algebra and Maxi's favourite topic involves rolling dice.

Who chose which topic?

Maxi	Arthur	Jack
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probability	algebra	geometry
algebra	probability	geometry