

15. Using the clock below, what time would the clock show if you went back 1 hour and 18 minutes?



16. Tracy stops reading her book and looks at the page numbers at the bottom of both pages. If their product is 110, what is the page number on the right?

17. From the list below, which number is the closest to being doubled when the order of its digits is reversed?

- (A) 205 (B) 468 (C) 101 (D) 306 (E) 214

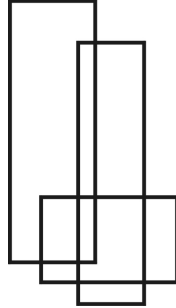
18. There are three houses built exactly the same. One is made of wood, the other with bricks, and the third with steel. One day a person sets them all on fire. Loud sirens were heard. People were screaming. Which house did the ambulance try to put the fire out at first?

19. Grandfather shared R100 with his five grandchildren. Instead of giving equal amounts, the older you were, the more you received. Starting with the youngest, each older child receives R2,00 more than the previous child. How much did the youngest grandchild get?



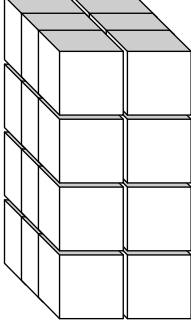
20. A man is the same age as his wife except the digits are reversed. The sum of their ages is 99 and the man is 9 years older than his wife. How old is the man?

21. How many rectangles of different sizes are in the picture below?



22. If $\blacklozenge \blacklozenge \blacklozenge = \heartsuit \heartsuit$ and $\clubsuit \clubsuit = \spadesuit \spadesuit$ then how many $\clubsuit \spadesuit \heartsuit \heartsuit$ do you need to equal $\blacklozenge \blacklozenge \blacklozenge$?

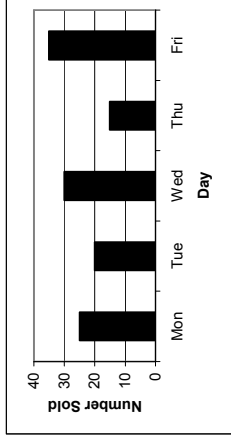
23. How many cubes of different sizes are in the structure below?



24. A brick has a mass of 1,5 kg. If you double the height, the width and the length of the brick, how much would it weigh?



25. A school sells donuts at the tuck shop. Below is a graph that describes the number of donuts sold last week. Last week, how many donuts were sold altogether?



BONUS (FOR THOSE WHO FINISH EARLY AND HAVE CHECKED THEIR ANSWERS)

Start with any square in the figure below and write its number down. Now you may move **one** square up, down, left or right (but **NOT diagonally**). With every square you visit, the number is then written down and the path continues until every square has been visited. No square may be visited more than once. What is the largest number that can be made?

1	7	2
9	4	6
5	8	3

Papers written by Steve Sherman
Colour in if you finish early

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