7+ St. Paul's Juniors
PAPER 1

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MENTAL MATHEMATICS

Listen carefully to the questions. One mark is awarded for each correct answer.

Section 1: You have 5 seconds to answer each question. (10)

1) _____ 2) _____ 3) _____

4) _____ 5) _____ 6) _____

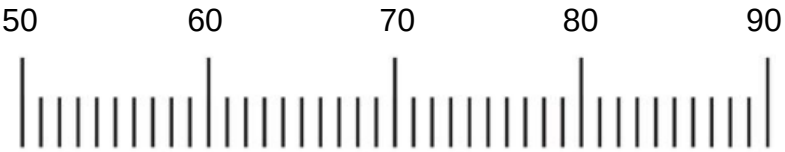
7) _____ 8) _____ 9) _____

10) _____

Section 2: You have 10 seconds to answer each question. (5)

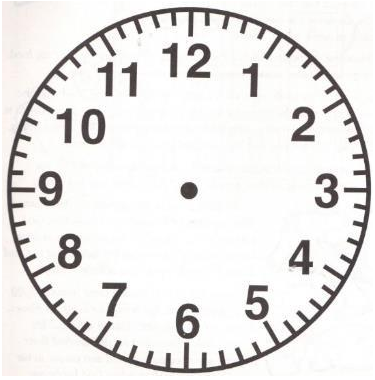
1)_____ 2) _____

3)



4) 10 , 11 , 13 , 16 , 20 ,_____, _____

5)



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SECTION 3

1) a. Shade in $\frac{2}{4}$ of this shape: (3)

b. Shade in $\frac{1}{3}$ of this shape:

c. Which is bigger: $\frac{2}{4}$ or $\frac{1}{3}$?

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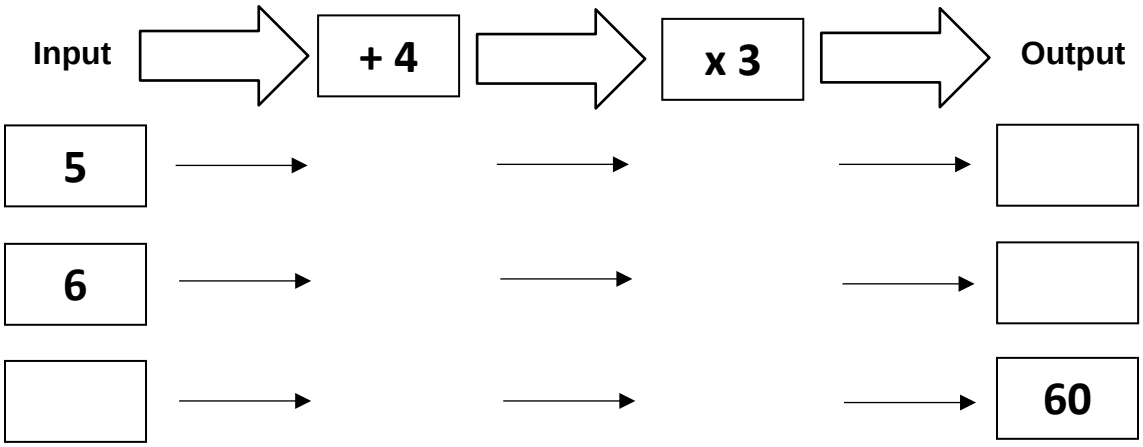
2) Work out the missing inputs and outputs for each question on the machine.



3)

Answer: Tilly's mother:__cm. Madeline:___cm

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4)

5)

Answer: _____

Answer: _____

6) Look carefully at the train timetable and answer the questions that follow.

Train Station	Time Departing
Hampton	09:43
South Avenue	10:02
Rose Junction	10:14
Hope Parkway	10:31
Merrybrook Way	10:52
Castlemere	11:06

a.

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Answer: _____

b.

Answer: _____

c.

Answer: _____

7)

a.

Answer: _____

b.

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Answer: _____

c.

Answer: _____

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8)

a.

Answer: _____

b.

Answer: _____

c.

Answer: _____

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9)

Answer: _____

10)

Answer: _____

11)

Answer: _____

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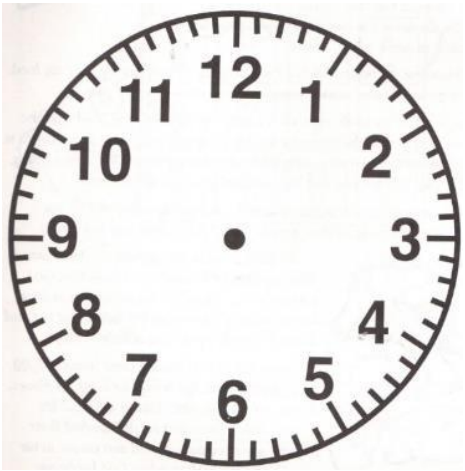
12)

Answer: _____

13)



14)

Answer: _____

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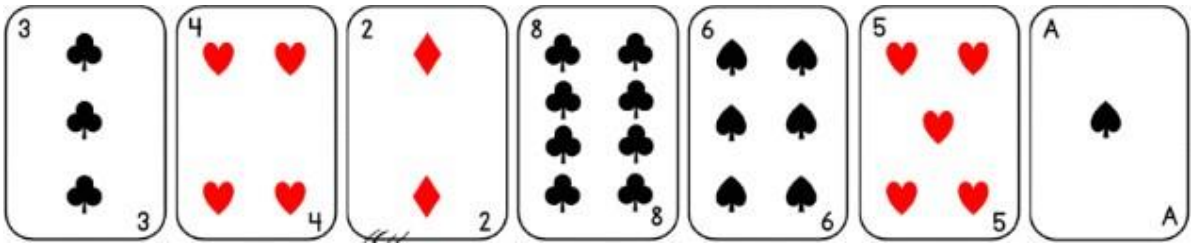
15) Abigail has chosen three cards from the ones shown below for a card trick.



Answer: _____

16)

Answer: _____

17)

Answer: _____

18) This is a magic square. Using any of the numbers between 0-10 only once,

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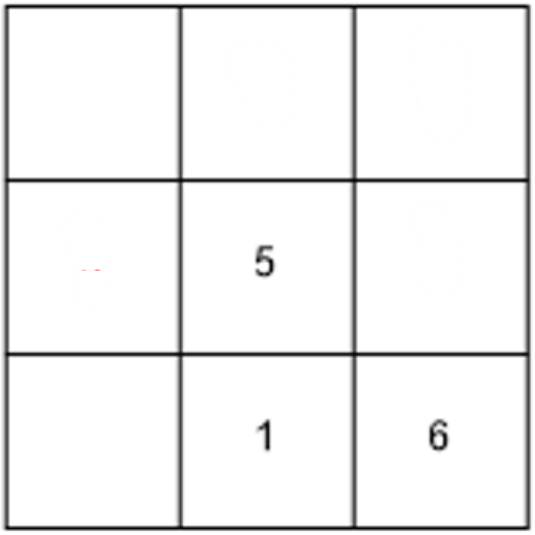
fill in the magic squares so that the sum of each row, column and diagonal adds up to the magic number given under the square.



Magic Number: 15

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