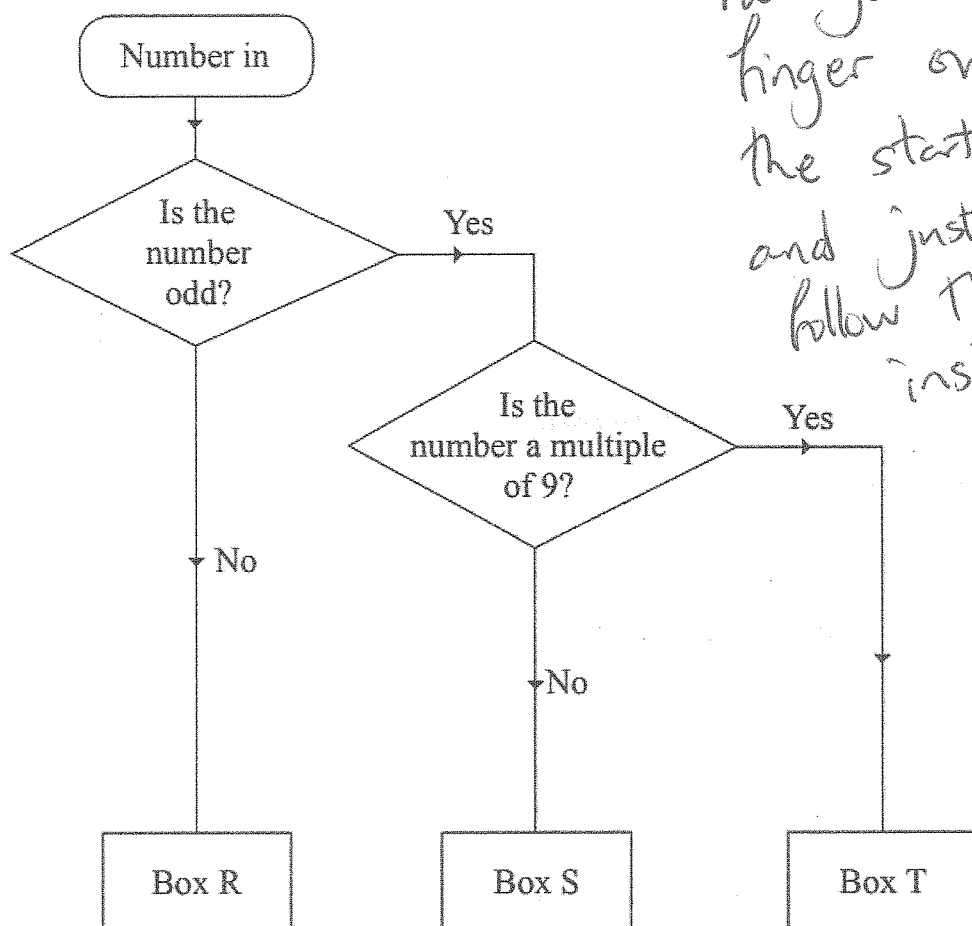


m2 = 6 days to go!

9



Put your finger on the start and just follow the instructions!

Using the decision tree diagram, name the box for

(a) 35

Answer Box S

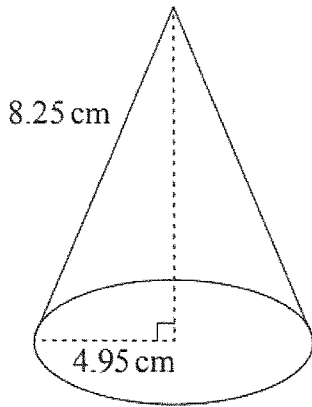
(b) 22

Answer Box R

(c) 27

Answer Box T [2]

- 26 A cone has a slant height of 8.25 cm and a radius of 4.95 cm.



Pythagoras

$$8.25^2 - 4.95^2 = ?^2$$

$$43.56 = ?^2$$

$$\sqrt{43.56} = ?$$

$$6.6 = ?$$

Calculate the vertical height of the cone.

Answer 6.6 cm [3]

- 27 The weekly wages of eight office workers are listed below.

already in order

110 £202 £212 £221 £242 £250 £250 £260 £284

One person's wage of £110 was not on the list. If this wage is now included, write down whether each of the following will increase, decrease or stay the same.

(a) the mean wage will decrease [1]

(b) the modal wage will stay the same most popular [1]

(c) the median wage will decrease now 242, was 246 [1]

(d) the range of the wages will increase $284 - 110 = 174$ [1]