



Name: _____



Calculate the lengths of the lines shown:

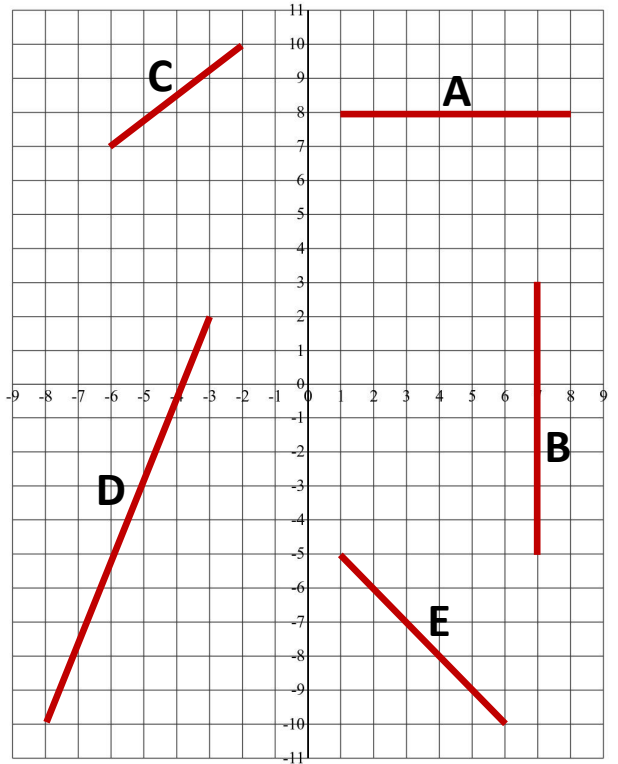
A) **7**

B) **8**

C) **5**

D) **13**

E) **7.07**



Find the length of the line with the endpoints (*without a calculator*):

f) (1,3) and (4,7)

5

h) (0,6) and (4,9)

5

g) (4,7) and (12,13)

10

i) (6,8) and (18,3)

13

Find the length of the line with the endpoints to 1 decimal place:

j) (3,8) and (9,10)

6.3

l) (6,3) and (10,16)

13.6

k) (1,6) and (4,11)

5.8

m) (-5,3) and (3,-5)

11.3

Exam question:

A line is plotted on a centimetre grid and has two end points with co-ordinates of (3, -7) and (7, -15). Calculate (without a calculator) the length of the line.

$$\sqrt{80}$$

