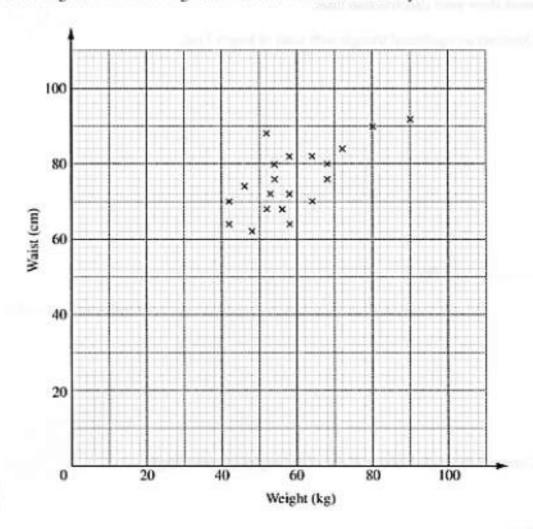
1 This scatter diagram shows the weight and waist measurements of 20 boys.



Another boy has a waist measurement of 78 cm.

Draw a line of best fit and use it to estimate his weight.

 kg [2]
2

2 Find the highest common factor (HCF) of 12 and 20.

 	4
[2]	ni.
-	

(a) Construct an a	quilateral triangle with sides of length 7 cm.	
(a) Constituct and	demonster enember and anger as see But a same	
(b) Construct the	angle bisector of one of the angles of your triangle.	
(u) commute me		[4]
Calculate.		
(a) $1\frac{2}{3} - \frac{1}{4}$		
3 4		
2 2		
(b) $\frac{3}{5} \div \frac{2}{3}$		

5 Solve.

(a)
$$\frac{9x-15}{4} = x$$

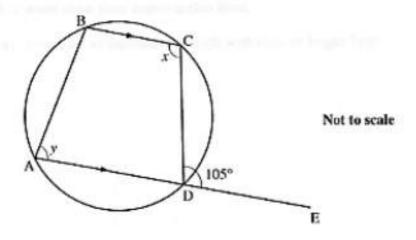
(a).....[3]

(b)
$$3(2x-1)-2(x-4)=19$$

(b).....[4]

1]

6



ADE is a straight line. BC is parallel to AE.

Work out angles x and y, giving reasons for your answers,

x = because
[2]
y =" because
[2]
4

7 Rearrange the formula $C = \frac{3r}{4}$ to make r the subject.

[2]
[2]