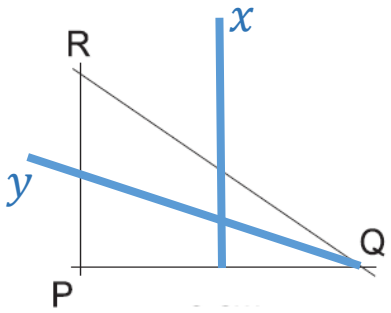
EM 8C Assessment Test

Test 1

Answers

1. a) *Yes – It is divisible by 3.* *b) Yes – It is divisible by 3*
2. a) $\frac{5}{20}$ b) $\frac{4}{7}$
3. eg. a= 7 b= 2
4. a) $a = 36°$ b) $b = 76°$ $c = 95°$
5. a) 9 b) -6 c) 200
6. 400g
7. a) £24.00 b) $\frac{5}{12}$
8. a) 7, 29 b) 4, 10 c) 10, 25, 40
9. The circumference of a circle divided by its diameter.
10. $21cm^2$
11. $estimate\ examples,$
    a) $\frac{4000-500}{100} = 35$ b) $20^2 \times 100 = 40\ 000$ c) $10\%\ of\ 20\ 000 = 2000$
12. a) 1 4 13 40 b) 3 10 31 94 c) $\frac{1}{3}$
13. a) 12cm b) $456cm^2$
14. $a = 7$ $b = 9$ $c = 24$
15. 110cm
16. 29, 38, 47, 56, 65, 74, 83, 92
17.



18. a) 0.19 b) £3.15
19. a) 21.20cm b) 3.85m c) 0.151kg
20. a) $n = 2$ b) $2n$ c) $n + 3$
21. An Equation has an equal sign, and expression does not.