FUN MATH KIDS

Easy

Rearranging Formulae MCQ

Topic: Rearrange formula to change subject A–D · Grade: grade 7

Name: _____ Date: _____ Score: _____/ 8

Rearrange each formula to make the required variable the subject, then tick the correct answer.

1. Make u the subject of v = u − gt

- ☐ A. u = v + gt
- ☐ B. u = v - gt
- ☐ C. u = v/(gt)
- ☐ D. u = gt - v

2. Make b the subject of A = ½bh

- ☐ A. b = 2A/h
- ☐ B. b = 2h/A
- ☐ C. b = A/(2h)
- ☐ D. b = Ah/2

3. Make a the subject of v = u + at

- ☐ A. a = v - u - t
- ☐ B. a = (v + u)/t
- ☐ C. a = (v - u)/t
- ☐ D. a = t(v - u)

4. Make l the subject of A = lw

- ☐ A. l = Aw
- ☐ B. l = A - w
- ☐ C. l = w/A
- ☐ D. l = A/w

5. Make w the subject of P = 2(l + w)

- ☐ A. w = P - 2l
- ☐ B. w = P/2 + l
- ☐ C. w = P/2 - l
- ☐ D. w = 2(P - l)

6. Make h the subject of V = lwh

- ☐ A. h = V - lw
- ☐ B. h = Vlw
- ☐ C. h = V/(lw)
- ☐ D. h = lw/V

7. Make r the subject of C = 2ÀÀ

- ☐ A. r = C/(2π)
- ☐ B. r = C - 2π
- ☐ C. r = 2πC
- ☐ D. r = 2π/C

8. Make x the subject of y = mx + c

- ☐ A. x = (y + c)/m
- ☐ B. x = m(y - c)
- ☐ C. x = (y - c)/m
- ☐ D. x = y/m - c