



# Maths skills

## Quiz

## Learning Skills

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### Introduction:

The following is a quiz to test basic skills in mathematics for students studying education. Answers can be found under [quiz answers](#) on our website.

### 1. Do not use a calculator for the following questions

1. add 1 235 and 256
2. subtract 365 from 829
3. find the product of 56 and 25
4. find the remainder when 67 is divided by 4
5. what is the total value of the 3 in 43 256
6. is 6 a factor of 18
7. is 340 an even number
8. is 7 a composite number
9. write 627 in expanded form
10. work out  $5 \times 6 + 2 \times 10$
11. work out  $18 \div 3 \times 2$
12. simplify  $\frac{24}{36}$
13. convert to a mixed numeral  $\frac{45}{8}$
14.  $\frac{2}{9} + \frac{1}{6} =$
15.  $\frac{3}{4} \times \frac{1}{10} =$
16.  $\frac{5}{6} \div \frac{3}{4} =$

17. state the place value of the 5 in 6.258
18. write 0.253 as a fraction
19. write  $\frac{17}{100}$  as a decimal
20. convert  $\frac{9}{20}$  to a decimal
21. convert  $\frac{2}{25}$  to a percentage
22. is  $\frac{3}{8}$  or 35% bigger?
23. find 8% of \$400
24. convert 324 millilitres to litres
25. how much time is between 3:20am and 8:50 pm?

## 2. A calculator can be used for the following questions

26. find the perimeter of a rectangle measuring 1.2 metres by 75 centimetres
27. find the area of a rectangle measuring 1.2 metres by 75 centimetres
28. how many square millimetres to a square centimetre?
29. how many hectares is a paddock with an area of 251 470 square metres?
30. find the number of litres needed to fill a tank measuring 80 centimetres by 65 centimetres by 32 centimetres.

## 3. For more information

Visit our Learning Skills website at <http://www.csu.edu.au/division/studserv/maths/index.htm>

Answers to these questions can be found at <http://www.csu.edu.au/division/studserv/maths/teachered.htm>

Other useful websites are available at:

<http://www.coolmath.com/>

<http://www.mathsisfun.com/>

There are many more of these types of sites available, use your search engine to find them.

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