MW EDUCATIONAL

MATHEMATICS PRACTICE TEST

TIME ALLOWED: 20 MINUTES

Instructions: Write in pencil. Work as quickly as you can, taking care not to miss out any questions. If you make a mistake, rub it out and write in your new answer clearly. If you finish before the allotted time, check through all your answers. Calculators are not allowed. Use the space at the bottom of each page for your working out.

(A) In each line below change the 12 hour times to 24 hour times. An example has been done to help you.

E.g. 6.30. pm = **18.30**

1) 11.17. pm = _____

2) 9.06. am = _____

3) 6.23. pm = _____

4) 12.12 am = _____

5) 3.41 pm = _____

(B) In each line below change each fraction below into a percentage. An example has been done to help you.

E.g. $\frac{1}{2}$ = 50%

1) $\frac{3}{4}$ = _____ 2) $\frac{7}{10}$ = _____

3) $\frac{3}{5}$ = _____ 4) $\frac{7}{20}$ = _____

5) $\frac{2}{25}$ = _____

(C) Each of the following statements below is either true or false. Write whether you think the statement is true or false on the line provided.

1) The sum of 7 and 9 is 15 _____

2) The product of 5 and 7 is 12 _____

3) There are 3000 metres in 3 km _____

4) The square root of 36 is 9 _____

5) If I spent £4.34 in a shop and paid with a £10 note,
I would be given £5.66 change _____

(D) In each line below work out what two numbers are missing from the sum. Write them on the lines provided.
An example has been done to help you.

E.g.	7	×	**4**	=	28	-	6	=	**22**
1)	7	×	___	=	42	-	12	=	___
2)	11	×	4	=	___	+	16	=	___
3)	6	×	___	=	___	÷	12	=	4
4)	___	×	10	=	___	÷	10	=	9
5)	12	×	3	=	___	-	16	=	___

(E) In each line below put two different numbers on the empty lines to complete the sum, using two of the four numbers in the brackets An example has been done to help you.

E.g. ___ + ___ = 2 × 11 (5, 6, 10, 12)

The answer is 10 and 12.

1) ___ - ___ = 9 × 6 (4, 6, 56, 60)

2) ___ × ___ = 65 - 32 (2, 3, 9, 11)

3) ___ ÷ ___ = 3 × 7 (2, 3, 10, 42)

4) ___ + ___ = 6 × 8 (15, 16, 20, 28)

5) ___ ÷ ___ = 5 + 18 (2, 3, 32, 69)

(F) In each line below work out what the answer to the conversion sum. An example has been done to help you.

E.g. What is 760 metres in kilometres ?

Answer: 0.76 kilometres

1) What is 375 centimetres in metres ? _____

2) What is 4350 millilitres in litres ? _____

3) What is 540 seconds in minutes ? _____

4) What is 98 days in weeks ? _____

5) What is 1568 grams in kilograms ? _____

(G) In each line of numbers below, only one of the numbers is a prime number. Underline that number. An example has been done to help you.

E.g.	13	16	21	25	30	Answer: 13
1)	4	5	6	8	9	
2)	7	8	9	10	12	
3)	12	14	15	17	18	
4)	21	24	27	28	29	
5)	33	35	37	39	40	

(H) In each line below write down on the lines provided what you think the next numbers(s) will be. An example has been done to help you.

E.g.	3	8	13	18	____	____	Answer: 23 28
1)	7	10	13	____	____		
2)	15	14	12	9	____		
3)	42	53	64	____	____		
4)	84	78	82	76	____		
5)	99	87	76	____			

ANSWERS TO MATHS PRACTICE TEST:

(A) 1) 23.17 2) 09.06 3) 18.23 4) 00.12 5) 15.41

(B) 1) 0.75 2) 0.7 3) 0.64) 0.35 5) 0.5

(C) 1) F 2) 3) T 4) F 5) T

(D) 1) 6, 30 2) 44, 60 3) 8, 48 4) 9, 90 5) 36, 20

(E) 1) 60 – 6 2) 3 × 11 3) 42 ÷ 2 4) 20 + 28 5) 69 ÷ 3

(F) 1) 3.75metres 2) 4.35 litres 3) 9 minutes
4) 14 weeks 5) 1.568 kilograms

(G) 1) 5 2) 7 3) 17 4) 29 5) 37

(H) 1) 16 19 2) 5 3) 75 86 4) 80 5) 66 57

© MW Educational 2003

To purchase 11 Plus Practice papers and primary Mathematical Directory published by

MW Educational please click here…