Answer Sheet for Basic Mathematics.

Give yourself 10 minutes to answer these questions.

	A	B	C	D
1	☐	☐	☐	☐
2	☐	☐	☐	☐
3	☐	☐	☐	☐
4	☐	☐	☐	☐
5	☐	☐	☐	☐
6	☐	☐	☐	☐
7	☐	☐	☐	☐
8	☐	☐	☐	☐
9	☐	☐	☐	☐
10	☐	☐	☐	☐
11	☐	☐	☐	☐
12	☐	☐	☐	☐
13	☐	☐	☐	☐
14	☐	☐	☐	☐
15	☐	☐	☐	☐

	A	B	C	D
16	☐	☐	☐	☐
17	☐	☐	☐	☐
18	☐	☐	☐	☐
19	☐	☐	☐	☐
20	☐	☐	☐	☐
21	☐	☐	☐	☐
22	☐	☐	☐	☐
23	☐	☐	☐	☐
24	☐	☐	☐	☐
25	☐	☐	☐	☐
26	☐	☐	☐	☐
27	☐	☐	☐	☐
28	☐	☐	☐	☐
29	☐	☐	☐	☐
30	☐	☐	☐	☐

	A	B	C	D
31	☐	☐	☐	☐
32	☐	☐	☐	☐
33	☐	☐	☐	☐
34	☐	☐	☐	☐
35	☐	☐	☐	☐
36	☐	☐	☐	☐
37	☐	☐	☐	☐
38	☐	☐	☐	☐
39	☐	☐	☐	☐
40	☐	☐	☐	☐
41	☐	☐	☐	☐
42	☐	☐	☐	☐
43	☐	☐	☐	☐
44	☐	☐	☐	☐

Rough Work

Practice Sample Test for Basic Mathematics.

Give yourself ten minutes to answer these questions. Record your answers on the answer sheet. Rough working can be done within the section marked “Rough Work”. Each problem in this test is accompanied by four different answers, of which only one is correct. You have to choose the one you think is correct by putting a cross (an “X”) in the box on the answer sheet which corresponds with the answer you choose. Answer as many items as you can in the time allowed.

1. 24 divided by 6 equals

   a. 4 b. 5 c. 6 d. 18

2. 6 dollars x 6 =

   a. $6 b. $30 c. $36 d. $42

3. How many 2 ½’s are there in 10?

   a. 4 b. 3 ½ c. 2 d. 1 ½

4. Divide $9 into 3 equal amounts. How much is in each amount?

   a. $2 b. $3 c. $14 d. $27

5. How many quarters in 1 ½?

   a. 0 b. 3 c. 4 d. 6

6. How much is left if 4 people have $1.50 each out of $7.50?

   a. 50c b. $1.50 c. $4 d. $6

7. 5 x 13 + 6 =

   a. 76 b. 71 c. 65 d. 59

8. 2037 + 3605 =

   a. 5632 b. 5542 c. 5642 d. 5533

9. What is the cost of six 3 ½ cent stamps?

a. 18c b. 19c c. 20c d. 21c

10. If 35% of a price is taken off, what percentage is left?

a. 55% b. 65% c. 75% d. 85%

11. $2.40 x 5 =

a. $14 b. $12 c. $10.20 d. $10

12. 5 ¾ + 3 ½ =

a. 8 ¾ b. 9 c. 9 ¼ d. 9 ½

13. 0.6 =

a. $^1/_4$ b. $^3/_4$ c. $^2/_3$ d. $^3/_5$

14. 3789 subtracted from 5467 =

a. 1672 b. 1678 c. 1577 d. 1578

15. L is a number evenly divisible by 5. Which of the following is also evenly divisible by 5?

a. L - 1 b. L + 1 c. L + 3 d. L + 5

16. 624 – 318 =

a. 306 b. 308 c. 317 d. 318

17. After ½ of an exam is conducted, a clock reads 20 minutes past 2. When the exam is finished, the clock reads 50 minutes past 2. At what time did the exam start?

a. 2 o'clock b. 10 minutes past 2 o'clock

c. 10 minutes to 2 o'clock d. 15 minutes to 2 o'clock

18. Which is the smallest?

a. $^1/_5$ b. $^1/_8$ c. $^2/_{12}$ d. $^2/_{14}$

19. 5.4 – 2.9 =

a. 2.3 b. 3.2 c. 3.5 d. 2.5

20. Divide $4.80 by 6

a. 70c b. 80c c. $1.80 d. $28.80

21. $\frac{3}{10}$ *ths* =

a. 30% b. 3% c. 0.3% d. 0.03%

22. 508 divided by 4 =

a. 114 b. 124 c. 127 d. 131

23. 1.9 + 2.3 =

a. 5.4 b. 5.14 c. 4.12 d. 4.2

24. What is the square root of 81?

a. 9 b. 41 c. 162 d. 6561

25. Which of the following gives the area of a rectangle?
(L= rectangle length : W = rectangle width)

a. 2L x 2W b. 2L + 2W c. L + W d. L x W

26. $\frac{18}{21}$ =

a. $\frac{5}{6}$ b. 4 c. $\frac{6}{7}$ d. $\frac{7}{8}$

27. $\frac{4 \text{ x } 15}{3}$ =

a. 10 b. 15 c. 20 d. 25

28. 79 ÷ 9 =

a. $8\,{}^{4}/_{9}$ b. $8\,{}^{6}/_{9}$ c. $8\,{}^{7}/_{9}$ d. $8\,{}^{8}/_{9}$

29. $\frac{15}{55}$ =

a. $\frac{1}{3}$ b. $\frac{3}{11}$ c. $\frac{5}{11}$ d. $\frac{10}{30}$

30. 56.7 ÷ 10 =

a. 0.567 b. 5.67 c. 56.7 d. 567.0

31. The diameter of a circle is 8. What is the radius?

a. 4 b. 16 c. $24\,{}^{8}/_{9}$ d. $39\,{}^{4}/_{7}$

32. How many minutes in twelve 45 second periods?

a. 6 b. 8 c. 9 d. 10

33. 14 $\mathfrak{X}$ + 7 $\mathfrak{X}$ = 21 $\mathfrak{X}$; $\mathfrak{X}$ =

a. $\frac{1}{4}$ b. $\frac{1}{3}$ c. $\frac{1}{2}$ d. 1

34. If 3X – 4 = 11, what is X?

a. 2.5 b. 4 c. 5 d. 8

35. Divide 4 into 824

a. 202 b. 206 c. 212 d. 224

36. 3.4 + 0.23 = =

a. 3.063 b. 3.43 c. 3.63 d. 3.70

37. If a = 3, b = 4 and c = 5. What is ab ÷ c?

a. 2 b. $2\frac{2}{5}$ c. $2\frac{4}{5}$ d. 7

38. $\frac{4}{6} \div \frac{1}{2}$

a. $1\frac{1}{3}$ b. $\frac{1}{3}$ c. $\frac{4}{12}$ d. 3

39. $\frac{8}{9} - \frac{2}{3} =$

a. $\frac{1}{9}$ b. $\frac{2}{9}$ c. $\frac{2}{3}$ d. $\frac{6}{6}$

40. A clock reads exactly 1 ½ minutes past 7 o'clock. How many seconds have passed since it was exactly one minute to 7 o'clock?

a. 100 seconds b. 150 seconds

c. 200 seconds d. 250 seconds

41. $(0.4)^2 =$

a. 0.08 b. 0.16 c. 0.8 d. 0.016

42. $x^2 - y^2 =$

a. $x^2 - 2xy + y^2$ b. $(x + x) – (y + y)$

c. $\frac{x^2}{y^2}$ d. $(x + y)(x – y)$

43. What is 20% of 20?

a. $^1/_4$ b. 1 c. 2 d. 4

44. $5x^3 + 4 = 9$ then $x =$

a. 1 b. $^1/_2$ c. $^1/_3$ d. 0