I Name_____ **Date**_____ **Score**_____

2011 MathEdge Speed Contest Intermediate (Grades 4-5) - 10mins

Please circle the correct anwer.
For those questions which do not have the correct answer, choose e) Not given

1. **11 x 33 =** a) 333 b) 363 c) 3333 d) 3633 e) not given

2. **1952 + 548 =** a) 2400 b) 2450 c) 2500 d) 2550 e) not given

3. **$43.27 – $15.27 =** a) $28 b) $27 c) $29 d) $26 e) not given

4. **37 ÷ 5 =** a) 6.2 b) 6.4 c) 7.2 d) 7.4 e) not given

5. **44 + 4 - 18 =** a) 30 b) 40 c) 50 d) 20 e) not given

6. **250 + 275 + 25 =** a) 500 b) 525 c) 550 d) 600 e) not given

7. **70.2 + 34.08 =** a) 104.1 b) 104.28 c) 105.1 d) 105.3 e) not given

8. **$4.39 + $9.98 =** a) $14.37 b) $15.41 c) $15.38 d) $14.39 e) not given

9. **5 x 5 x 5 =** a) 25 b) 15 c) 625 d) 125 e) not given

10. **3(5 + 4) - 1 =** a) 27 b) 18 c) 26 d) 24 e) not given

11. **8888 + 220 = 8000 +___** a) 1888 b) 1108 c) 1008 d)1188 e) not given

12. **22222 + 2/2 =** a) 111112 b) 11112 c) 22223 d) 11111 e) not given

13. **14 ½ - 6 ¾ =** a) 7 ¼ b) 7 ¾ c) 8 ¼ d) 8 ¾ e) not given

14. $\frac{6}{11} \div 2$ **=** a) 1 1/11 b) 3/11 c) 3 2/3 d) 1 1/12 e) not given

15. **(¼)(8½) =** a) 2 ½ b) 34 c) 2 1/8 d) 4 ¼ e) not given

16. **1 x 10 x 2 x 10 x 3 x 10 =** a) 600 b) 60 c) 6000 d) 123000 e) not given

17. $5\overline{)2789545}$ has remainder
    a) 4 b) 3 c) 2 d) 1 e) not given

18. What number is in the thousandths place: **3567.1248**
    a) 8 b) 5 c) 3 d) 4 e) not given

19. **30% of 700 =** a) 37 b) 210 c) 21 d) 730 e) not given

20. **¾ of 160 =** a) 100 b) 110 c) 120 d) 140 e) not given

21. **921 ÷ 7 =** a) 103 b) 130 r 5 c) 131 d) 131 r 4 e) not given

22. **75 ÷ 4 =** a) 17.50 b) 19.25 c) 18.75 d) 18.25 e) not given

23. Apples are on sale for 2 for $1.00. How much change do you get from a $10 if you purchase 5 apples?
    a) $7.00 b) $2.50 c) $7.50 d) $8 e) not given

24. Find the total cost: 2 shirts at $28.25 each, one pair of jeans: $70.75
    a) $56.50 b) $99 c) $125.25 d) $127.50 e) not given

25. How many different ways can 3 letters be rearranged, such as T A N?
    a) 1 b) 6 c) 8 d) 12 e) not given

26. How many different outfits could you wear if you had 2 pair of shoes, 4 shirts, 3 sweatshirts, and 2 pair of jeans?
    a) 11 b) 24 c) 40 d) 48 e) not given

For questions #27-31 choose the closest estimate to the answer for each problem.

27. **897 x 6020 =** a) 540 b) 5,400 c) 54,000 d) 540,000 e) 5,400,000

28. $\frac{17}{6}+\frac{48}{49}+\frac{22}{7}=$ a) 4 b) 5 c) 6 d) 7 e) 8

29. **0.25 x 799.9899=** a) 500 b) 400 c) 300 d) 200 e) 100

30. $245\overline{)500}$ a) 1 b) 2 c) 3 d) 4 e) 5

31. **35,789 + 612 =** a) 36,000 b) 36,210 c) 36,400 d) 36,500 e) 36,000

#32-35: Write the next number in the sequence:

32. 96, 105, 114, … a) 122 b) 123 c) 124 d) 125 e) not given

33. 1, -2, 4, -8, 16, … a) -24 b) -34 c) -32 d) -28 e) not given

34. 400, 200, 100, 50, … a) 40 b) 30 c) 25 d) 0 e) not given

35. 1, 12, 123, … a) 135 b) 246 c) 1230 d) 1234 e) not given

For questions #36-38, there are four problems that have been worked. One of the problems on each question has an incorrect answer. Identify the problem that has the incorrect answer. *Hint:* Use estimation to quickly **identify the incorrect answer**.

36.

a)	b)	c)	d)
613,240 100,987 + 437,922 1,152,149	87,962 - 52,678 35,284	76 x 51 3,877	248 ÷ 6 = 41 r 2 e) not given

37.

a)	b)	c)	d)
51,593 + 80,147 131,740	200,190 - 133,588 66,412	48 x 48 2304	213 ÷ 5 = 42 r 3 e) not given

38.

a)	b)	c)	d)
99,895 + 910,103 1,190,988	90,730 - 89,988 742	699 x 5 3495	243 ÷ 3 = 81 e) not given

39. $7\frac{1}{2} + 5\frac{3}{4} + 4\frac{7}{8} =$

a) $16\frac{7}{8}$ b) $17\frac{1}{8}$ c) $17\frac{7}{8}$ d) $18\frac{1}{8}$ e) not given

40. If you want an A in class, you must average 90%. If your first 4 test scores were 87, 91, 93, and 85, what must your 5th test score be?

a) 94 b) 93 c) 92 d) 91 e) not given

I Name_____ **Date**_____ **Score**_____

2011 MathEdge Speed Contest Intermediate (Grades 4-5) - 10mins

Please circle the correct anwer.
For those questions which do not have the correct answer, choose e) Not given

1.	a	b	c	d	e	21.	a	b	c	d	e
2.	a	b	c	d	e	22.	a	b	c	d	e
3.	a	b	c	d	e	23.	a	b	c	d	e
4.	a	b	c	d	e	24.	a	b	c	d	e
5.	a	b	c	d	e	25.	a	b	c	d	e
6.	a	b	c	d	e	26.	a	b	c	d	e
7.	a	b	c	d	e	27.	a	b	c	d	e
8.	a	b	c	d	e	28.	a	b	c	d	e
9.	a	b	c	d	e	29.	a	b	c	d	e
10.	a	b	c	d	e	30.	a	b	c	d	e
11.	a	b	c	d	e	31.	a	b	c	d	e
12.	a	b	c	d	e	32.	a	b	c	d	e
13.	a	b	c	d	e	33.	a	b	c	d	e
14.	a	b	c	d	e	34.	a	b	c	d	e
15.	a	b	c	d	e	35.	a	b	c	d	e
16.	a	b	c	d	e	36.	a	b	c	d	e
17.	a	b	c	d	e	37.	a	b	c	d	e
18.	a	b	c	d	e	38.	a	b	c	d	e
19.	a	b	c	d	e	39.	a	b	c	d	e
20.	a	b	c	d	e	40.	a	b	c	d	e

I Name_____ ANSWERS _____ Date_____ Score_____

2011 MathEdge Speed Contest Intermediate (Grades 4-5) - 10mins

Please circle the correct anwer.
For those questions which do not have the correct answer, choose e) Not given

---

1.	a	**b**	c	d	e
2.	a	b	**c**	d	e
3.	**a**	b	c	d	e
4.	a	b	c	**d**	e
5.	**a**	b	c	d	e
6.	a	b	**c**	d	e
7.	a	**b**	c	d	e
8.	**a**	b	c	d	e
9.	a	b	c	**d**	e
10.	a	b	**c**	d	e
11.	a	**b**	c	d	e
12.	a	b	**c**	d	e
13.	a	**b**	c	d	e
14.	a	**b**	c	d	e
15.	a	b	**c**	d	e
16.	a	b	**c**	d	e
17.	a	b	c	d	**e**
18.	a	b	c	**d**	e
19.	a	**b**	c	d	e
20.	a	b	**c**	d	e
21.	a	b	c	**d**	e
22.	a	b	**c**	d	e
23.	a	b	**c**	d	e
24.	a	b	c	d	**e**
25.	a	**b**	c	d	e
26.	a	b	c	**d**	e
27.	a	b	c	d	**e**
28.	a	b	c	**d**	e
29.	a	b	c	**d**	e
30.	a	**b**	c	d	e
31.	a	b	**c**	d	e
32.	a	**b**	c	d	e
33.	a	b	**c**	d	e
34.	a	b	**c**	d	e
35.	a	b	c	**d**	e
36.	a	b	**c**	d	e
37.	a	**b**	c	d	e
38.	**a**	b	c	d	e
39.	a	b	c	**d**	e
40.	**a**	b	c	d	e