September Mathematics Review Test

A. Complete the following equivalent fractions.

1. $\frac{3}{5} = \frac{9}{_}$

2. $\frac{_}{5} = \frac{15}{25}$

B. Take the following fractions down to their lowest terms.

3. $\frac{16}{30} = _$

4. $\frac{8}{24} = _$

C. Complete the following:

5. $\frac{5}{9} + \frac{2}{9} = _$

6. $\frac{1}{5} + \frac{2}{3} = _$

7. $\frac{7}{8} - \frac{2}{8} = _$

8. $\frac{3}{4} - \frac{1}{3} = _$

9. $2\frac{6}{7} \times 3\frac{1}{3} = _$

10. $4\frac{2}{4} \div 1\frac{5}{6} = _$

D. Complete the following:

11. $32\overline{)3584}$

___

___

___

___

Answer = _____

12. $27\overline{)2999}$

___

___

___

___

Answer = _____

13.
```
   428
  X 35
 ------
```

_____

14.
```
   507
  X49
 ------
```

_____

15.
```
  2790
   358
   207
 +  82
 ------
```

16.
```
  9081
- 786
 ------
```

E. Write the place value of the underlined digits.

17. 37.8<u>9</u>0 - _____

18. 2692.<u>6</u> - _____

19. 3.05<u>2</u>7 - _____

F. Change the following fractions to decimals.

20. $\frac{2}{5}$ = _____

21. $\frac{6}{100}$ = _____

22. $\frac{21}{1000}$ = _____

23. $\frac{3}{7}$ = _____

G. Change the following decimals to fractions.

24. 3.9 = ___

25. 0.71 = ___

26. 0.002 = ___

27. 6.04 = ___

H. Complete the following:

28.
```
  48.30
  50.04
+29.96
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29.
```
   8.057
  14.729
+79.638
```

30. 290.47
- 38.98

31. 391.00
-257.52

I. Complete the following:

32. 28.92 x 100 = _____

33. 7.2 x 10 = _____

34. 0.67 x 1000 = _____

35. 1.16 x 10 = _____

36. 6.5 x 100 = _____

37. 39.1 x 1000 = _____

J. Complete the following:

38. 14.07
x 6

39. 592.1
x 8

40. 1.368
x 1.7

41. 0.721
x2.5

_____

_____