

## Answers to Practice Questions for MTE 1 – Operations with Positive Fractions

1.  $\frac{3}{11}$

14.  $\frac{1}{8}$

26.  $\frac{7}{32}$  inches

2.  $\frac{47}{8}$

15.  $\frac{3}{2} = 1\frac{1}{2}$

27.  $3\frac{5}{6}$

3.  $5\frac{4}{5}$

16.  $\frac{33}{100}$

28. \$18.33

4.  $3^3 \bullet 5^2$

17.  $\frac{13}{72}$

29. 5

5.  $2^2 \bullet 3^2 \bullet 5$

18.  $17\frac{4}{7}$

30.  $\frac{31}{50}$

6.  $\frac{4}{15}$

19.  $\frac{1}{14}$

31.  $9\frac{1}{10}$  pounds

7.  $\frac{2}{3}$

20.  $\frac{63}{64}$

32. \$22

8.  $\frac{2}{67}$

21.  $\frac{8}{25}$

33. A. \$840

9.  $\frac{50}{1}$

22.  $3\frac{48}{77}$

B. \$1260

10. 72

23.  $\frac{31}{60}$

34. 20 mpg

11. 180

24.  $1\frac{7}{36}$

35.  $\frac{7}{8}$  tablespoon

12. >

25.  $\frac{18}{33}$

36.  $10\frac{2}{3}$