

6th Grade Math – Sheet #1

Do it in your head.

- 1) $80 \cdot 70$
- 2) $400 \cdot 60$
- 3) $5000 \cdot 400$
- 4) $120 \cdot 7$
- 5) $1100 \cdot 7000$
- 6) $3600 \div 900$
- 7) $42,000 \div 70$
- 8) $720,000 \div 120,000$
- 9) $48,000 \div 8$
- 10) $54 + 8$
- 11) $60 - 13$
- 12) $73 + 24$
- 13) $700 - 8$
- 14) $687 + 36$
- 15) $4000 - 38$

Arithmetic.

Show your work.

$$\begin{array}{r} 16) \quad 5674 \\ - 839 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 64008 \\ - 28285 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 782 \\ \times 539 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 587900 \\ \times 76300 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 375 \\ 684 \\ 39 \\ 865 \\ 421 \\ 997 \\ + 516 \\ \hline \end{array}$$

Fractions.

$$21) \quad \frac{3}{11} + \frac{4}{11}$$

$$22) \quad \frac{3}{8} + \frac{1}{2}$$

$$23) \quad \frac{7}{12} - \frac{1}{12}$$

$$24) \quad \frac{2}{3} \cdot \frac{3}{5}$$

$$25) \quad \frac{3}{8} \cdot \frac{6}{7}$$

$$26) \quad \frac{11}{12} \div \frac{2}{3}$$

$$27) \quad \frac{5}{16} + \frac{1}{4}$$

$$28) \quad \frac{7}{12} - \frac{1}{4}$$

$$29) \quad \frac{45}{49} \cdot \frac{21}{25}$$

6th Grade Math — Sheet #7

Do it in your head.

- 1) $30 \cdot 7000$
- 2) $36,000 \div 40$
- 3) $8.03 \cdot 10000$
- 4) $8.03 \div 100$
- 5) $11 \cdot 62$
- 6) $320 \cdot 4$
- 7) $0.3 \cdot 0.007$
- 8) $140 \div 4$
- 9) $105 \cdot 103$
- 10) $10.9 \cdot 1.11$
- 11) 90^2
- 12) $(0.01)^3$
- 13) $\frac{2}{9} + \frac{4}{9}$
- 14) $\frac{3}{20} \cdot \frac{5}{6}$
- 15) $\frac{2}{9} + \frac{1}{3}$
- 16) $\frac{3}{4} \div \frac{3}{8}$
- 17) $\frac{\frac{3}{4}}{\frac{3}{8}}$
- 18) $17 - 2.3$
- 19) $304 - 298$
- 20) $703 - 697$
- 21) $4005 - 3996$

Fractions.

- 22) $\frac{3}{4} - \frac{11}{18}$
- 23) $\frac{42}{49} \cdot \frac{33}{44}$
- 24) $(2\frac{1}{2})^2$
- 25) $(10\frac{2}{5})^2$
- 26) $2\frac{2}{5} + 1\frac{7}{8}$

27) $2\frac{2}{5} - 1\frac{7}{8}$

28) $2\frac{2}{5} \cdot 1\frac{7}{8}$

29) $2\frac{2}{5} \div 1\frac{7}{8}$

30) $2\frac{2}{3} \cdot 6\frac{3}{4}$

- 31) *Short Division.*
Fix the divisor and
then leave the answer
as an exact decimal
(perhaps repeating).
 $748.4 \div 0.09$

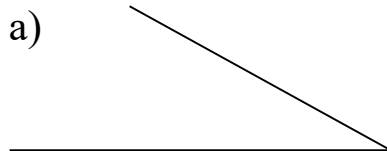
6th Grade Math – Sheet #16

Do it in your head.

- 1) $25 \cdot 3$
- 2) $18 \cdot 2$
- 3) 14^2
- 4) $13 \cdot 3$
- 5) 4^4
- 6) 2^3
- 7) 2^{10}
- 8) $\sqrt{810000}$
- 9) $(0.011)^2$
- 10) $35 + 2.4$
- 11) $35 - 2.4$
- 12) $0.12 \cdot 0.03$
- 13) $0.12 \div 0.03$
- 14) $0.03 \div 0.12$
- 15) $840000 \div 7000$
- 16) $7.2 \cdot 4$
- 17) $1.07 \cdot 1.08$
- 18) $(1.07)^2$
- 19) $3053 - 2987$
- 20) $9999 \cdot 6$
- 21) $64 \cdot 5$
- 22) $4.6 \cdot 5$
- 23) $1200 \div 5$
- 24) $530 \div 5$
- 25) $1.3 \div 5$

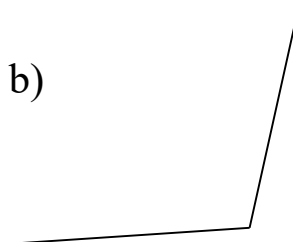
Angle Measure.

26) First estimate the size of the angle (in degrees), and then use a protractor to measure it. You may need to extend the lines (with a ruler) in order to get a good reading with your protractor.



Estimate =

Measurement =



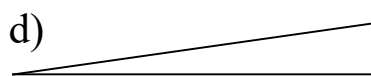
Estimate =

Measurement =



Estimate =

Measurement =



Estimate =

Measurement =

Measurement.

- 27) Using *metric units*, estimate the measurement of each object.
- a) The length of a pencil.
 - b) The weight of a newborn baby.
 - c) The volume of a bucket.
 - d) The distance from one end of town to the other.
 - e) The thickness of a nickel.
 - f) The weight of a car.
 - g) The volume of a teacup.

Divisibility.

- 28) State whether each of the following numbers is evenly divisible by 2, 3, 4, 5, 9, or 10
- a) 75,930
 - b) 1,839,734

Fractions.

- 29) Reduce each fraction.
- a) $\frac{1040}{1200}$
 - b) $\frac{216000}{504000}$
 - c) $\frac{59625}{91125}$

27) Convert to a percent.

a) 0.26

b) 0.073

c) $\frac{13}{20}$

28) What is 25% of 32?

29) What is 62% of 850?

30) What is 5% of 12000?

31) What is $87\frac{1}{2}\%$ of 48?

32) 130 is what percent of 260?

33) 180 is what percent of 270?

34) 59 is what percent of 150?

35) What is 35 decreased by 60%?

36) What is 58 decreased by 7%?

Business Math.

37) A store is having a 60%-off sale. What is the new discounted price of a shirt that was originally marked at \$35?

38) The previous problem is the same as which other problem on this worksheet?

39) A real estate agent makes a 2% commission when he sells a house. How much money does he earn if he sells a house for \$348,000?

40) 12 ounces of cheese cost \$4.68. How much does 3 pounds of that same cheese cost?

41) John makes \$8.50/hr. How much does he earn in a 40-hour week?

42) Cathy earned \$400 and worked 32 hours last week. What is her hourly wage?