

1. Write seven **hundredths** as a decimal.

	∅	∅	∅	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

2. Write fourteen **thousandths** as a decimal.

- (1) .0014
- (2) .014
- (3) .14
- (4) 14
- (5) 1400

3. Write nine **tenths** as a decimal.

- (1) .009
- (2) .09
- (3) .9
- (4) 9
- (5) 90

4. Write **three and six tenths** as a decimal.

- (1) .306
- (2) .36
- (3) 3.6
- (4) 36
- (5) 360

5. **Arrange** from smallest to largest.

- a .6
- b .06
- c 6
- d .65

- (1) dabc
- (2) bdca
- (3) abcd
- (4) badc
- (5) cdab

6. **Arrange** from largest to smallest.

- a .2
- b 1.3
- c 2
- d 1.2

- (1) cbda
- (2) cdba
- (3) adbc
- (4) cabd
- (5) dbac

7. Marie made \$25.50 for 6 hours of work. How much did he make **each** hour?

- (1) \$4.20
- (2) \$4.25
- (3) \$4.35
- (4) \$4.45
- (5) \$4.55

8. Change $\frac{3}{10}$ to a decimal.

	∅	∅	∅	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

9. Write **.6** as a fraction and reduce.

- (1) $\frac{3}{50}$
- (2) $\frac{1}{6}$
- (3) $\frac{3}{5}$
- (4) $\frac{5}{6}$
- (5) $\frac{3}{10}$

10. Which is largest? **Think money!**

- (1) .013
- (2) .04
- (3) .02
- (4) .1
- (5) .2

11. What is the difference between .693 and 4?

- (1) 2.407
- (2) 3.307
- (3) 3.393
- (4) 3.407
- (5) 4.307

12. Round off .485 to the nearest tenth.

- (1) .4
- (2) .5
- (3) .6
- (4) .7
- (5) .8

13. Betty bought 5 pounds of sugar, 2.5 pounds of hamburger, and 4.6 pounds of oranges. How much total weight did she have to carry?

- (1) 7.6 pounds
- (2) 11 pounds
- (3) 12.1 pounds
- (4) 14.2 pounds
- (5) 15 pounds

14. Find the total value.

$$\begin{array}{r} .056 \\ 2.3 \\ 19 \\ \hline \end{array}$$

Round off your answer to the nearest tenth.

- (1) 21
- (2) 21.1
- (3) 21.2
- (4) 21.3
- (5) 21.4

15. Pauline bought an 8 foot long board. She used $6\frac{1}{2}$ feet for a shelf in her office. How much did she have left over?

- (1) $\frac{1}{2}$ feet
- (2) $1\frac{1}{2}$ feet
- (3) $2\frac{1}{2}$ feet
- (4) $3\frac{1}{2}$ feet
- (5) 4 feet

16. Find the combined weight of the following three packages.

Package A **$7\frac{1}{2}$**

Package B **$2\frac{1}{4}$**

Package C **$6\frac{3}{4}$**

- (1) $15\frac{1}{2}$
- (2) 16
- (3) $16\frac{1}{4}$
- (4) $16\frac{1}{2}$
- (5) 17

17. Alberto makes \$5 an hour. He worked $7\frac{3}{4}$ hours on Friday. How much did he earn?

	○	○	○	
○	○	○	○	○
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

18. On Monday, Jordan drove $29\frac{3}{10}$ miles, Tuesday $14\frac{1}{2}$ miles, and Thursday $109\frac{3}{4}$ miles. How many total miles did she drive?

- (1) 152.00 miles
- (2) 153.55 miles
- (3) 153.65 miles
- (4) 143.65 miles
- (5) 133.65 miles

19. Eduardo began his trip Friday morning. His odometer read 32,456.9 miles. He returned home on Monday night, and his odometer read 32,663 miles. How many miles did he drive?

	○	○	○	
○	○	○	○	○
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

20. Vincent worked for 7 hours at \$4.80 an hour and for $2\frac{1}{2}$ hours at \$7.20 an hour. How much did he make **all together**?

- (1) \$18.00
(2) \$33.60
(3) \$51.60
(4) \$52.80
(5) \$62.40

21. What is the **total** value of 8, .05, and 1.64?

- (1) .0969
(2) .969
(3) 9.069
(4) 9.69
(5) 969

22. In 1980, **19.2 thousand** people lived in Grand Junction, Colorado. By 1990, there were **3.9 thousand** more people. How many people lived in Grand Junction in 1990?

	○	○	○	
○	○	○	○	○
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

23. Cam bought 2.6 pounds of beef, .3 pounds of cheese, 2.45 pounds of chicken, and 5 pounds of sugar. What was the **total** weight she had to carry?

- (1) 6.40 pounds
(2) 10.35 pounds
(3) 11.35 pounds
(4) 12.35 pounds
(5) 13.35 pounds

24. What were the **average** ticket sales for Uptown Theatre for these three nights?

Friday	\$483.50
Saturday	\$527.25
Sunday	\$364.75

- (1) \$375.50
(2) \$450.50
(3) \$458.50
(4) \$458.80
(5) \$1375.50

25. Find the **LARGEST** decimal.

4.5
.5
.45
.05
3

- (1) 4.5
(2) .5
(3) .45
(4) .05
(5) 3
26. Mark works $7\frac{1}{2}$ hours a day. On Thursday he worked $2\frac{3}{4}$ hours overtime. How many hours did Mark work **all together** on Thursday?
- (1) $9\frac{1}{4}$ hours
(2) $9\frac{3}{4}$ hours
(3) 10 hours
(4) $10\frac{1}{4}$ hours
(5) $10\frac{3}{4}$ hours
27. Arrange the following decimals from smallest to largest. **Think money!**

a	.03
b	.31
c	.1
d	.3
e	3

- (1) acdeb
(2) ebdca
(3) acdbe
(4) ebcda
(5) dceab

28. What was Sam's **total** mileage for the following three months?

January	500.7 miles
February	200.25 miles
March	300 miles

- (1) 100.95 miles
(2) 1,000.95 miles
(3) 1,009.95 miles
(4) 1,090.25 miles
(5) 1,095 miles

29. What is the **difference** between 13 and .68? **Think money!!**

- (1) 1.23
(2) 12.3
(3) 12.32
(4) 123
(5) 123.2

30. Anthony bought 2.2 pounds of wood screws at \$.68 a pound. How much did he pay for the screws? **Round your answer to the nearest cent.**

- (1) \$1.40
(2) \$1.45
(3) \$1.50
(4) \$1.55
(5) \$1.66

31. In 1992, the Canadian government spent \$874.5 million on special education programs. In 1993, it spent \$931 million on these programs. By how much did the budget for these programs **increase** from 1992 to 1993?

- (1) \$54.5 million
(2) \$56.5 million
(3) \$57.5 million
(4) \$86 million
(5) \$105.6 million

32. Bert drove from Santa Fe to Pueblo. He drove 344 miles on 16 gallons of gasoline. How many miles did Bert drive on **one** gallon of gasoline.

- (1) 7.5 miles
(2) 18.5 miles
(3) 21.3 miles
(4) 21.5 miles
(5) 21.8 miles

33. Catalina bought two steaks. One steak weighed 2.65 pounds. One weighed 1.8 pounds. What was the **combined** weight of the steaks?

- (1) .85 pounds
(2) 2.47 pounds
(3) 2.83 pounds
(4) 3.65 pounds
(5) 4.45 pounds

34. Kathleen bought 4 pounds of tomatoes for \$2.96. Find the price of **one** pound of tomatoes.

	÷	÷	÷	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

35. How many strips of foil each .45 inch wide can be **cut** from a sheet that is 90 inches wide?

- (1) .2
(2) 2
(3) 20
(4) 200
(5) 2000

36. Lola bought 2.5 pounds of sausage at \$1.90 per pound and 3 pounds of ground beef at \$1.65 per pound. What was the **total** cost of her purchases?

	÷	÷	÷	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

37. From a piece of aluminum tubing 2 meters long, Arthur cut off two sections. One section measured .65 meter, and another measured .45 meter. How long was the **remaining** piece? **Think money!!!**

	÷	÷	÷	
⊙	⊙	⊙	⊙	⊙
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

38. What is the **difference** between .63 and 8? **Think money!!**

- (1) .0737
(2) .56
(3) .737
(4) 7.37
(5) 737

39. Which of the following has the **greatest** value?

- (1) 1
(2) $1\frac{1}{5}$
(3) 1.3
(4) $1\frac{1}{2}$
(5) $1\frac{3}{4}$

40. In 1990, the population of New Mexico was 6.79 million. By 2000, the population had **increased (GONE UP)** by 3.39 million. What was the population of New Mexico in 2000?

- (1) 3.4 million
(2) 10.08 million
(3) 10.18 million
(4) 11.08 million
(5) 11.28 million

41. What is the **product** of 3.2 and .005?

- (1) .0016
- (2) .016
- (3) .1600
- (4) 1.6
- (5) 16

42. Round off 123.876 to the nearest **hundredth**.

- (1) 123
- (2) 123.8
- (3) 123.87
- (4) 123.88
- (5) 124

43. Margaret made the following in tips. What was her **average** amount of tips?

Thursday	\$32
Friday	\$47.55
Saturday	\$42.10

- (1) \$32.40
- (2) \$40.55
- (3) \$41.25
- (4) \$42.75
- (5) \$47.15

44. From a board 3 yards long, Alfonso cut off a piece 1.75 yards long. How long was the **remaining** piece?

	○	○	○	
○	○	○	○	○
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

45. Round off 128,746 to the nearest **thousand**.

- (1) 100,000
- (2) 128,700
- (3) 128,750
- (4) 129,000
- (5) 130,000

46. Alice bought a stereo on sale for \$279. This was \$35.50 less than the original price. What was the **original** price?

- (1) \$244.50
- (2) \$254.50
- (3) \$299.50
- (4) \$304.50
- (5) \$314.50

47. Write three hundred nine **thousandths**.

	○	○	○	
○	○	○	○	○
①	①	①	①	①
②	②	②	②	②
③	③	③	③	③
④	④	④	④	④
⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨

48. Nico cut a board 82 inches long into 8 equal pieces. How long was **each** piece?

- (1) 10 inches
- (2) 10.1 inches
- (3) 10.2 inches
- (4) 10.25 inches
- (5) 10.5 inches

49. The total figure is 80. How much is $\frac{3}{8}$?

- (1) 10
- (2) 20
- (3) 30
- (4) 40
- (5) 50

