EnVISION MATH
Common Core

Grade 5

Skills Review

Name: _Answer Key_

Directions: Solve each problem. Remember to show your work.

1. Write the decimal as a fraction. 0.02 $\frac{2}{100}$	2. Write the decimal as a fraction. 0.7 $\frac{7}{10}$
3. Write the decimal as a mixed number. 2.43 $2\frac{43}{100}$	4. Write the decimal as a mixed number. 3.2 $3\frac{2}{10}$
5. Write the mixed number as a decimal. $6\frac{3}{10}$ 6.3	6. Write the fraction as a decimal. $\frac{2}{5}$ .4
7. Write the word form. 4.737 four and seven hundred thirty-seven thousandths	8. Write in standard form. five and one hundred four thousandths 5.104
9. Write in expanded form. 315.64 $300 + 10 + 5 + 0.6 + 0.04$	10. Order from least to greatest. 8.541, 8.314, 8.598, 8.8 8.314, 8.541, 8.598, 8.8

Directions: Solve each problem. Remember to show your work.

1. Round the number to the place of the underlined digit. 34,739 35,000	2. Round the number to the place of the underlined digit. 5.024 5.020
3. 9,123 + 5,775 14,898	4. 3,650 + 1,250 4,900
5. 6,724 - 204 6,520	6. 4,450 – 1,236 3,214
7. 7,647 – 369 7,278	8. 103 + 798 + 45 946
9. 232 - 97 135	10. 3,856 – 2,357 1,499

Directions: Solve each problem. Remember to show your work.

1. 28.34 − 7.85 20.49	2. 5.2 − 0.74 4.46
3. 45.09 + 2.005 47.095	4. 0.922 + 6.4 7.322
5. 65.18 − 12.005 53.175	6. 7.21 − 6.1 1.11
7. 9.1 + 7.21 16.31	8. 17.49 + 9 26.49
9. 15.03 − 4.121 10.909	10. 10.05 − 4.50 5.55

Directions: Solve each problem. Remember to show your work.

1. Write in exponential notation.	2. Write in expanded form.
$5 \times 5 \times 5 \times 5$	4^3
5^4	$4 \times 4 \times 4$

3. Write in standard form.	4. 73 x 9
2^6	
64	657

5. 459 x 4	6. 921 x 8
1,836	7,368

7. 29 x 6	8. 351 x 2
174	702

9. 63 x 8	10. 300 x 7
504	2,100

Directions: Solve each problem. Remember to show your work.

1. 98 x 45	2. 72 x 51
4,410	3,672
3. 718 x 5	4. 35 x 29
3,590	1,015
5. 735 x 41	6. 132 x 47
30,135	6,204
7. 45.3 x 4	8. 12.9 x 8
181.2	103.2
9. 5.2 x 4.6	10. 0.67 x 8
23.92	5.36

Directions: Solve each problem. Remember to show your work.

1. $339 \div 5$ $67 \text{ R}4$	2. $625 \div 5$ 125
3. $836 \div 9$ $92 \text{ R}8$	4. $323 \div 3$ $107 \text{ R}2$
5. $841 \div 20$ $42 \text{ R}1$	6. $222 \div 30$ $7 \text{ R}12$
7. $403 \div 52$ $7 \text{ R}39$	8. $214 \div 28$ $7 \text{ R}18$

Directions: Solve each problem. Remember to show your work.

1. $279 \div 23$ $12\ R3$	2. $298 \div 16$ $18\ R10$
3. $65 \div 3$ $20\ R5$	4. $139 \div 4$ $34\ R3$
5. $5.68 \div 8$ 0.71	6. $151.2 \div 6$ 25.2
7. $126 \div .09$ 140	8. $17.8 \div 3.1$ 6

Directions: Solve each problem. Remember to show your work.

1. Solve using the order of operations. $3 \div (9 - 6) + 4 \times 2$ **9**	2. Solve using the order of operations. $3 + 7 \times 6 \div 3 - 4$ **13**
3. Solve using the order of operations. $4^2 \times 3 - (17 + 20)$ **11**	4. Solve using the order of operations. $2.3 + (4.5 - 2.1)$ **4.7**
5. Write the fraction in simplest form. $\frac{14}{21}$ **$\frac{2}{3}$**	6. Write the fraction in simplest form. $\frac{28}{42}$ **$\frac{2}{3}$**
7. Write the fraction in simplest form. $\frac{18}{21}$ **$\frac{6}{7}$**	8. Write the fraction in simplest form. $\frac{11}{22}$ **$\frac{1}{2}$**
9. Find the least common multiple between: 4 and 9 **36**	10. Find the least common multiple between: 12 and 16 **48**

Directions: Solve each problem. Remember to show your work.

1. Solve and simplify, if necessary. $$\frac{5}{8}+\frac{1}{6}$$ $$\frac{19}{24}$$	2. Solve and simplify, if necessary. $$\frac{7}{8}+\frac{1}{12}$$ $$\frac{23}{24}$$
3. Solve and simplify, if necessary. $$\frac{5}{16}+\frac{3}{8}$$ $$\frac{11}{16}$$	4. Solve and simplify, if necessary. $$\frac{1}{6}+\frac{3}{10}$$ $$\frac{7}{15}$$
5. Solve and simplify, if necessary. $$\frac{7}{10}-\frac{2}{4}$$ $$\frac{1}{5}$$	6. Solve and simplify, if necessary. $$\frac{2}{3}-\frac{5}{9}$$ $$\frac{1}{9}$$
7. Solve and simplify, if necessary. $$\frac{7}{8}-\frac{1}{3}$$ $$\frac{13}{24}$$	8. Solve and simplify, if necessary. $$\frac{2}{3}-\frac{5}{12}$$ $$\frac{1}{4}$$

Directions: Solve each problem. Remember to show your work.

1. Write as a mixed number. $\dfrac{17}{5}$ $3\dfrac{2}{5}$	2. Write as a mixed number. $\dfrac{41}{9}$ $4\dfrac{5}{9}$
3. Write as an improper fraction. $5\dfrac{3}{5}$ $\dfrac{28}{5}$	4. Write as an improper fraction. $2\dfrac{7}{12}$ $\dfrac{31}{12}$
5. Solve and simplify, if necessary. $4\dfrac{1}{10}+6\dfrac{1}{2}$ $10\dfrac{3}{5}$	6. Solve and simplify, if necessary. $3\dfrac{8}{9}+8\dfrac{1}{2}$ $12\dfrac{7}{18}$
7. Solve and simplify, if necessary. $9\dfrac{1}{2}-6\dfrac{3}{4}$ $2\dfrac{3}{4}$	8. Solve and simplify, if necessary. $5-2\dfrac{3}{4}$ $2\dfrac{1}{4}$

Directions: Solve each problem. Remember to show your work.

1. Find the product. $\frac{1}{3}$ of 15 **5**	2. Find the product. $\frac{5}{8}$ of 32 **20**
3. Solve and simplify, if necessary. $\frac{3}{5} \times \frac{5}{9}$ **$\frac{1}{3}$**	4. Solve and simplify, if necessary. $\frac{3}{7} \times \frac{1}{3}$ **$\frac{1}{7}$**
5. Solve and simplify, if necessary. $\frac{1}{5} \times 13$ **$2\frac{3}{5}$**	6. Solve and simplify, if necessary. $\frac{1}{2} \times \frac{2}{5} \times 5$ **1**
7. Solve and simplify, if necessary. $2\frac{1}{6} \times 4\frac{1}{2}$ **$9\frac{3}{4}$**	8. Solve and simplify, if necessary. $5\frac{1}{3} \times 3$ **16**
9. Find the quotient. $8 \div \frac{1}{4}$ **32**	10. Find the quotient. $\frac{1}{3} \div 4$ **$\frac{1}{12}$**

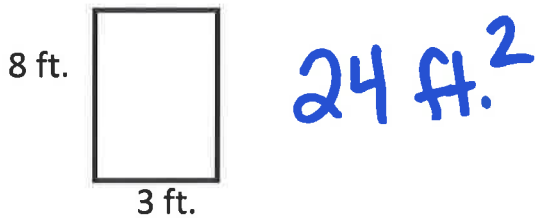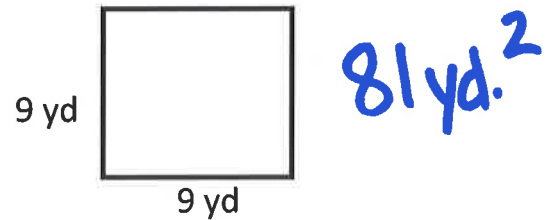Directions: Solve each problem. Remember to show your work.
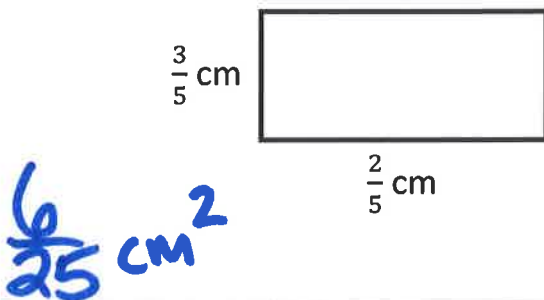
1. Find the perimeter.
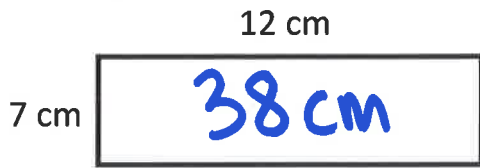
12 cm

7 cm **38 cm**

2. Find the perimeter.
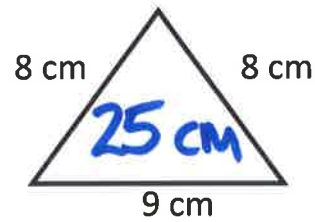
8 cm   8 cm

25 cm

9 cm

3. Find the area.

8 ft.

3 ft.

24 ft.²

4. Find the area.

9 yd

9 yd

81 yd.²

5. Find the area.

$\frac{3}{5}$ cm

$\frac{2}{5}$ cm

$\frac{6}{25}$ cm²

6. Find the area.

5 in.

13 in.

65 in.²

7. Find the volume.

4 yd

6 yd   2 yd

48 yd.³

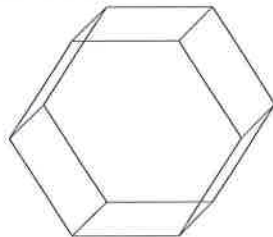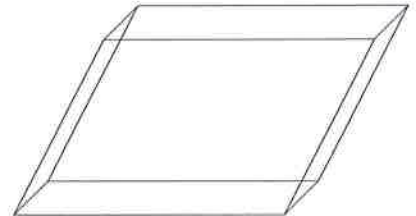8. Find the volume.

17 ft

3 ft   5 ft

255 ft.³
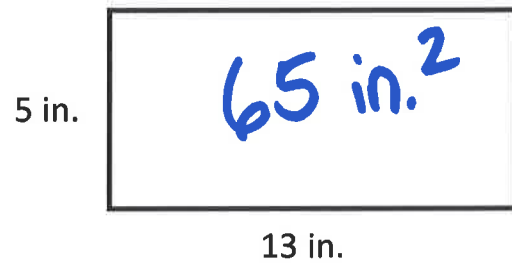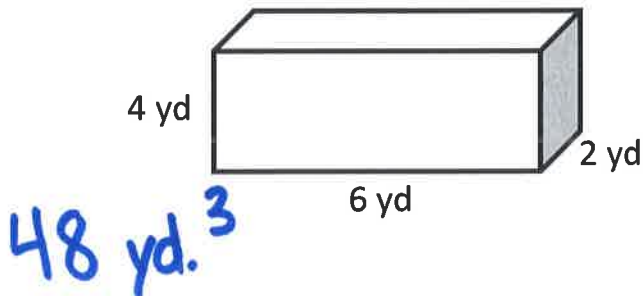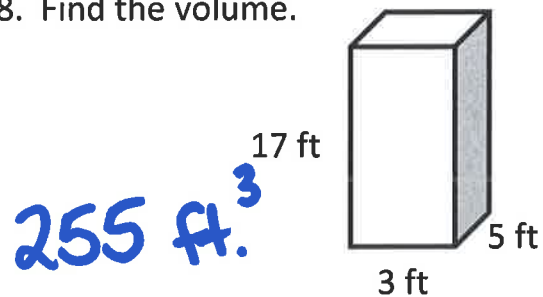
9. Find the number of faces, edges, & vertices.

faces: 8
edges : 18
vertices: 12

10. Find the number of faces, edges, & vertices.

faces: 6
edges : 12
vertices : 8

Name: _____   Date: _____

Directions: Solve each problem. Remember to show your work.

1. A jumbo box of Ginger Man Cookies contains 30 cookies. Nancy and her three sisters decide to share them equally. How many whole cookies will each girl get? **7 whole cookies** What did you do with the **R^2** remainder? (Please circle) **(Ignore it)** Round it up Use it as a decimal	2. Chrissie baked 98 doughnuts for the fourth grade breakfast party and put them on plates. Each plate holds 5 doughnuts. How many plates were needed to hold all of the doughnuts? **$19 R^3$** **20 plates needed** What did you do with the remainder? (Please circle) Ignore it **(Round it up)** Use it as a decimal
3. When it snows, Devin charges $3 for every sidewalk he shovels and $4 for every driveway he shovels. If he shovels 6 sidewalks and 3 driveways, how much does he earn? **$ 30**	4. David and his 4 friends went to the video store. They rented several movies and bought snacks to eat while watching them. The total cost was $30.00. The friends split the bill evenly. How much did each person pay? **$ 6**