

Year 3 Term 4 Homework

Student Name: _____	Grade: _____
Date: _____	Score: _____

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6 Year 5 Term 4 Week 6 Homework**6.1 Topic 1 — Fraction****6.1.1 Adding & Subtracting Fractions 5**

$$\textcircled{1} \frac{3}{7} + 3\frac{2}{6} = \underline{\hspace{10cm}}$$

$$\textcircled{2} 2\frac{3}{4} - 1\frac{2}{3} = \underline{\hspace{10cm}}$$

$$\textcircled{3} 3\frac{3}{6} + \frac{2}{4} = \underline{\hspace{10cm}}$$

$$\textcircled{4} 1\frac{5}{9} + 2\frac{1}{4} = \underline{\hspace{10cm}}$$

$$\textcircled{5} 3\frac{5}{7} + 2\frac{8}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{6} 1\frac{5}{8} - \frac{3}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{7} 2\frac{5}{6} + 1\frac{2}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{8} 2\frac{1}{9} - 1\frac{1}{2} = \underline{\hspace{10cm}}$$

$$\textcircled{9} 2\frac{2}{7} - \frac{3}{6} = \underline{\hspace{10cm}}$$

$$\textcircled{10} 1\frac{6}{9} - \frac{2}{5} = \underline{\hspace{10cm}}$$

Score: _____

6.1.2 Multiplying & dividing Fractions 5

$$\textcircled{1} \quad 2\frac{2}{3} \times 3\frac{1}{3} = \underline{\hspace{10cm}}$$

$$\textcircled{2} \quad 4\frac{1}{2} \times 1\frac{5}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{3} \quad 3\frac{4}{6} \div 4\frac{5}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{4} \quad 1\frac{5}{8} \times 2\frac{4}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{5} \quad 1\frac{2}{5} \times 1\frac{1}{8} = \underline{\hspace{10cm}}$$

$$\textcircled{6} \quad 4\frac{5}{6} \div 1\frac{8}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{7} \quad 2\frac{3}{6} \div 2\frac{1}{5} = \underline{\hspace{10cm}}$$

$$\textcircled{8} \quad 2\frac{3}{9} \div 1\frac{4}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{9} \quad 1\frac{3}{8} \div 2\frac{5}{6} = \underline{\hspace{10cm}}$$

$$\textcircled{10} \quad 2\frac{1}{4} \div 1\frac{4}{5} = \underline{\hspace{10cm}}$$

Score: _____

6.1.3 Multiplying & dividing Fractions 6

$$\textcircled{1} \quad 4\frac{4}{5} \div 3\frac{2}{4} = \underline{\hspace{10cm}}$$

$$\textcircled{2} \quad 1\frac{4}{6} \div 1\frac{1}{4} = \underline{\hspace{10cm}}$$

$$\textcircled{3} \quad 2\frac{2}{8} \times 2\frac{1}{2} = \underline{\hspace{10cm}}$$

$$\textcircled{4} \quad 3\frac{6}{7} \div 4\frac{2}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{5} \quad 2\frac{4}{7} \div 3\frac{2}{3} = \underline{\hspace{10cm}}$$

$$\textcircled{6} \quad 3\frac{1}{2} \div 2\frac{4}{5} = \underline{\hspace{10cm}}$$

$$\textcircled{7} \quad 3\frac{1}{6} \div 2\frac{3}{7} = \underline{\hspace{10cm}}$$

$$\textcircled{8} \quad 4\frac{5}{6} \times 1\frac{1}{3} = \underline{\hspace{10cm}}$$

$$\textcircled{9} \quad 4\frac{3}{8} \times 4\frac{8}{9} = \underline{\hspace{10cm}}$$

$$\textcircled{10} \quad 4\frac{1}{5} \times 2\frac{6}{8} = \underline{\hspace{10cm}}$$

Score: _____

6.1.4 Magic Squares 3

1

11			5
4	17	15	10
		6	
18	7	9	12

Magic Number:

2

	16		7
6	19	17	
15	10		21
20	9		14

Magic Number:

3

20	8	17	
21	9	16	12
	19	14	
		11	15

Magic Number:

4

		11	13
19		16	10
14	12		7
9		6	20

Magic Number:

Score:

6.1.5 Magic Squares 4

1

22	13	15	
	7		14
11	20	10	17
		12	19

Magic Number:

2

	20		9
11	17	22	12
	15		18
	10	13	23

Magic Number:

3

	15	17	
	18	16	11
14		7	20
	8	10	13

Magic Number:

4

13		18	7
6	19		
15		8	21
	9	11	14

Magic Number:

Score:

6.1.6 Secret Trail 3

	2	1	1	5
	5	5	3	1
>>>	3	4	4	1
	1	5	2	2
1. +				32

>>>	25	3	5	1
	3	5	2	2
	1	1	3	5
	2	2	1	5
2. -				4

	6	3	1	1
>>>	1	1	4	3
	3	3	1	3
	3	3	5	9
3. +				27

	5	2	4	7
	3	2	4	3
	3	5	9	5
>>>	30	4	7	3
4. -				2

Score:

6.1.7 Secret Trail 4

	6	5	2	2	
	2	3	5	5	
>>>	5	2	6	2	
	4	6	5	2	
1. +					27

>>>	34	4	1	5	
	2	1	1	5	
	6	6	1	4	
	5	2	3	4	
2. -					4

	10	9	4	8	
>>>	7	8	5	6	
	8	4	10	6	
	8	8	2	3	
3. +					52

	10	7	5	8	
	6	6	5	1	
	2	7	6	5	
>>>	32	5	10	6	
4. -					6

Score:

6.1.8 Multiplication 1

$$\begin{array}{r} \textcircled{1} \quad 521 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 838 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 947 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 901 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 611 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 370 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 698 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 607 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 605 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 509 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 193 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 562 \\ \times 44 \\ \hline \end{array}$$

Score:

6.1.9 Division 1

①

$$34 \overline{) 442}$$

②

$$39 \overline{) 117}$$

③

$$37 \overline{) 296}$$

④

$$13 \overline{) 481}$$

⑤

$$9 \overline{) 459}$$

⑥

$$46 \overline{) 506}$$

⑦

$$18 \overline{) 990}$$

⑧

$$46 \overline{) 230}$$

⑨

$$23 \overline{) 115}$$

⑩

$$28 \overline{) 728}$$

⑪

$$17 \overline{) 986}$$

⑫

$$11 \overline{) 121}$$

Score:

6.1.10 Problem solving

Exercise 6.1.1

1. *If there are 7 kg of beans in each box, how many kg of beans are there in 125 boxes?*

2. *How many kg do 405 bricks weigh if each weighs 8 kg?*

3. *Workmen are laying square floor tiles on the kitchen floor. They can fit 12 tiles along one side of the kitchen and 25 tiles along the adjoining side. How many tiles are needed to cover the floor?*

4. *Bonnie's age is 1 fifth of the age of her grandmother. How old is Bonnie if her grandmother is 65 years old?*

5. *Bella has \$720, which is 8 times as much as Paula has. How much does Paula have?*

6.1.11 Quiz 6

1. Find the missing number to make each of following statements true.

(a) $13 \times 1000 = 130 \times \underline{\hspace{2cm}}$

(b) $2400 \times 10 = 100 \times \underline{\hspace{2cm}}$

(c) $46 \times 100 = 1000 \times \underline{\hspace{2cm}}$

(d) $246 \times 10 = 2300 + \underline{\hspace{2cm}}$

(e) $28 \times 100 = 3000 - \underline{\hspace{2cm}}$

(f) $12000 \div 100 = 10 \times \underline{\hspace{2cm}}$

2. The sum of two terms is 8324. One term is 2468. What is the other term?

3. The product is 840. One factor is 4. What is the other factor?

4. The product is 228. One factor is 12. What is the other factor?

5. What is four times as much as three times 234?

6. What is nine times as much as twice 543?

7. There are 10 weeks each term and 5 school days each week. Each day in school there are 6 lessons, each of which lasts for 45 minutes.

(a) How many minutes each day are pupils in lessons?

(b) How many minutes in a week are pupils in lessons?

(c) How many minutes in each term are pupils in lessons?

8. Mark has 120 marbles and Joe has 4 times more. How many marbles do they have altogether?

9. What is the distance between 85 telegraph poles, set 52 metres apart?

10. A box full of apples weighs 35 kg. How many kg of apples are there in 50 boxes if an empty box weighs 5 kg?

11. How much do 28 jars of honey cost if each jar costs \$2.50?

12. If 8 metres of material cost \$480, how much will 12 metres cost?

13. How many different triangles can you see in this figure?



14. How many two digit numbers can be formed using digits 3 and 5, if the digits can be repeated.
