

Name: _____

Class/Period: _____

Assignment: Honors HW #16

Teacher: Fletcher

1 What is the value of the expression $\left(-\frac{5}{6}\right) \div \left(-\frac{3}{4}\right) \times \left(4\frac{1}{2}\right)$?

1 $2\frac{13}{16}$

2 $-2\frac{13}{16}$

3 -5

4 5

2 Which expression has the same value as $46.1 - 97.2$?

1 $46.1 + (-97.2)$

2 $-46.1 + 97.2$

3 $97.2 - 46.1$

4 $97.2 - (-46.1)$

3 Susan bought $2\frac{3}{4}$ pounds of potato salad at \$5.60 a pound. How much did she spend?

1 \$16.80

2 \$15.40

3 \$8.35

4 \$2.85

4 Simplify the following expression. Express your answer as a fraction in simplest form, if possible.

$$\frac{2}{3} + \left(-\frac{1}{6}\right) + \left(-\frac{1}{3}\right)$$

The answer is

5 Solve: $3\frac{1}{2} \div \frac{3}{9}$.

1 $10\frac{1}{2}$

2 $11\frac{1}{2}$

3 $1\frac{1}{6}$

4 $1\frac{2}{6}$

- 6 Molly purchased a 4.25 pound bag of sugar at the grocery store last week to bake cookies. If each batch of cookies requires one cup of sugar, how many full batches of cookies can she make before she needs to buy more sugar?

1 pound = 2 cups

- 1 9 full batches
- 2 8 full batches
- 3 4 full batches
- 4 2 full batches

- 7 There are 461 students and 20 teachers taking buses on a trip to a museum. Each bus can seat a maximum of 52. What is the *least* number of buses needed for the trip?

- 1 8
- 2 9
- 3 10
- 4 11

- 8 Round to the nearest hundredth:

$$357.864 \div 26$$

Answer:

- 9 Brent mows his yard in 1.48 hours. It takes his neighbor Curtis 0.7 times the amount of time it takes Brent. How long does it take Curtis to mow his yard?

- 1 1.56 hours
- 2 1.41 hours
- 3 1.036 hours
- 4 2.11 hours

- 10 The area of a rectangle is its length \times width. If the area of a rectangle is 12.88 square centimeters and its length is 5.6 centimeters, then what is its width?

? $A = 12.88 \text{ cm}^2$

5.6 cm

Answer: cm