



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- Subject : Mathematics Answers of Worksheet-2 Class 5
- Date : 12.05.2020

- Chapter: Fractions

- Answer the following questions (MCQ) : (1×15)

- 1. *What will be the vulgar fraction of 0.75*
-

A. $3/5$

B. $3/4$

C. $3/2$

D. $3/7$

Answer: Option B

Explanation:

$$0.75 = 75/100 = 3/4$$

- 2. *What will be vulgar fraction of 0.0056*
-

• $7/1150$

A. $7/1175$

B. $7/1250$

C. $7/1275$

Answer: Option C

- 3. *Arrange the fractions in ascending order*
-

• $5/8 < 7/12 < 3/4 < 13/16$

- A. $5/8 < 7/12 < 13/16 < 3/4$
 - B. $5/8 < 3/4 < 13/16 < 7/12$
 - C. $7/12 < 5/8 < 3/4 < 13/16$
-

Answer: Option D

Explanation:

$$5/8 = .625, 7/12 = .5833, 3/4 = .75, 13/16 = .8125$$

So order will be

$$7/12 < 5/8 < 3/4 < 13/16$$

4. Arrange fractions in descending order

- . $9/11 > 8/9 > 3/5 > 4/7$
 - A. $9/11 > 8/9 > 4/7 > 3/5$
 - B. $8/9 > 9/11 > 3/5 > 4/7$
 - C. $9/11 > 3/5 > 8/9 > 4/7$
-

Answer And Explanation

Answer: Option C

Explanation:

$$9/11 = .818, 8/9 = .88, 3/5 = .6, 4/7 = .571$$

So order is $8/9 > 9/11 > 3/5 > 4/7$

5. Which is in ascending order

- $1/3, 2/5, 3/5, 6/7$
 - A.** $2/5, 1/3, 3/5, 6/7$
 - B.** $1/3, 2/5, 6/7, 3/5$
 - C.** $3/5, 6/7, 1/3, 2/5$
-

Answer: Option A

6. Which is in ascending order

- $3/2, 9/11, 7/9, 8/9$
 - A.** $3/2, 7/9, 9/11, 8/9$
 - B.** $9/11, 8/9, 3/2, 7/9$
 - C.** $7/9, 3/2, 9/11, 8/9$
-

Answer: Option B

• **7. Which is in descending order**

- A.** $11/17, 7/11, 8/15, 5/9$
 - B.** $11/17, 5/9, 7/11, 8/15$
 - C.** $5/9, 8/15, 11/17, 7/11$
 - D.** $11/17, 7/11, 5/9, 8/15$
-

Answer: Option D

8. What is difference between biggest and smallest fraction among $2/3, 3/4, 4/5$ and $5/6$

- . $2/5$
 - A.** $3/5$
 - B.** $1/6$
 - C.** $1/7$
-

Answer And Explanation

Answer: Option C

Explanation:

$$2/3 = .66, 3/4 = .75, 4/5 = .8 \text{ and } 5/6 = .833$$

So biggest is $5/6$ and smallest is $2/3$

Their difference is $5/6 - 2/3 = 1/6$

9. Which is smallest

- . $13/16$
 - A.** $15/19$
 - B.** $17/21$
 - C.** $7/8$
-

Answer: Option B

10.

- . 400
 - A.** 500
 - B.** 505
 - C.** None of above
-

Answer: Option B

Explanation:

$$35/.07 = 3500/7 = 500$$

11.

- 5000
 - A. 500
 - B. 50000
 - C. 50
-

Answer: Option A

Explanation:

$$2.5 \times 10000 / 5 = 25000/5 = 5000$$

- 12. Mr. Walton ordered 12 pizzas for the art class celebration. $1/4$ of them had mushrooms. How many pizzas had mushrooms?

3

4

8

9

Answer : 3

13. A fraction equivalent to $45/105$ is

- (a) $6/14$
- (b) $4/7$
- (c) $5/7$
- (d) $7/5$

Solution:

The option (a) is correct answer.

- Q.14. $2/45$ is equivalent to

1 $3/4$

$10/45$

1 $1/9$

- Q 15. Charlotte bought 16 songs. $3/4$ of the songs are pop songs. How many songs are pop songs?

4

8

12

16

Answer 12 .

Teacher- PiyaliHalder