

Year 8 Fractions Worksheet



1. Adding and Subtracting Fractions (with the same denominator)

Simplify answers.

- A. $7/10 + 2/10 = \underline{\quad} / \underline{\quad}$
- B. $3/4 + 2/4 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- C. $4/5 + 3/5 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- D. $6/12 + 4/12 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- E. $5/8 + 6/8 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- F. $10/12 - 5/12 = \underline{\quad} / \underline{\quad}$
- G. $5/9 - 2/9 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- H. $6/8 - 4/8 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- I. $10/12 - 6/12 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$
- J. $6/10 - 4/10 = \underline{\quad} / \underline{\quad} = \underline{\quad} / \underline{\quad}$

2.

A. Write the following numbers in order from least to greatest:

-1	,	6	,	46
_____		_____		_____
19		5		49

B.

37	,	-19	,	-29
_____		_____		_____
33		24		10

C.

-49	,	20	,	-24
_____		_____		_____
24		43		7

D.

17	,	-35	,	-19
_____		_____		_____
57		37		24

Year 8 Fractions Worksheet



$\frac{2}{9}$ of the people on a restaurant are adults. If there are 95 more children than adults, how many children are there in the restaurant?

Circle the equivalent fraction.

A.

6

$\frac{6}{7}$

11

30

2

3

$\frac{11}{12}$

$\frac{30}{35}$

$\frac{2}{12}$

$\frac{3}{7}$

B.

3

$\frac{3}{6}$

6

5

1

10

$\frac{6}{3}$

$\frac{5}{6}$

$\frac{1}{2}$

$\frac{10}{11}$

C.

2

$\frac{2}{12}$

2

12

2

1

$\frac{2}{7}$

$\frac{12}{2}$

$\frac{2}{7}$

$\frac{1}{6}$

Year 8 Fractions Worksheet



D.

3

$\frac{3}{4}$

9

23

8

15

$\frac{9}{8}$

$\frac{23}{24}$

$\frac{8}{9}$

$\frac{15}{20}$

Add the fractions $\frac{13}{24} + \frac{9}{24}$ and reduce your answer.

Add the fractions $\frac{4}{15} + \frac{3}{5}$ and reduce your answer.

Add the fractions $\frac{7}{10} + \frac{3}{14}$ and reduce your answer.

Add the fractions $\frac{10}{21} + \frac{9}{24}$ and reduce your answer.

Add the fractions $5 + \frac{3}{20} + \frac{1}{24}$ and reduce your answer.