Fractions - Worksheet Answers

Answer 1:

No.	Fraction	Numerator	Denominator
1	4/5	4	5
2	7/30	7	30
3	9/59	9	59
4	40/89	40	89
5	3/8	3	8

Answer 2:

No.	Fraction	Answer
1	27/81	0.33
2	74/23	3.22
3	5/6	0.83
4	5/16	0.31
5	21/9	2.33

Answer 3:

No.	Fraction 1	Fraction 2	Answer
1	15/27	2/9	7/9
2	18/7	11/21	$3\frac{1}{7}$
3	5/6	2/3	$1\frac{1}{2}$
4	5/16	32/50	381/400
5	9/21	5/6	$1\frac{11}{42}$

Answer 4:

No.	Fraction 1	Fraction 2	Answer
1	2/5	1/6	7/30
2	11/33	15/33	4/33
3	2/3	1/5	7/15
4	32/50	6/25	2/5
5	5/6	9/12	1/12

Answer 5:

No.	Fraction 1	Fraction 2	Answer
1	27/81	2/5	2/15
2	18/77	11/33	6/77
3	5/6	2/3	5/9
4	5/16	32/50	1/5
5	21	2/3	14

Answer 6:

No.	Fraction 1	Fraction 2	Answer
1	27/81	2/5	5/6
2	18/77	11/33	54/77
3	5/6	2/3	$1\frac{1}{4}$
4	5/16	32/50	125/256
5	$2\frac{3}{7}$	2/3	$3\frac{12}{14}$

Answer 7:

Total number of pens = 15

Anne has 1/3 of the pens and Louise has 1/5 of the pens

Together they have (1/3 +1/5) of the pens

$\frac{1}{3} + \frac{1}{5} = \frac{5+3}{15} = \frac{8}{15}$ of the pens

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Method 1:

Anne and Louise have 8/15 of the total pens.

So they have,

$$15 \times \frac{8}{15} = 8 \text{ pens}$$

So, pens left:

15 - 8 = 7 pens.

Method 2:

If we consider the total number of pens as a whole,

The fraction of the pens left:

$$1 - \frac{8}{15} = \frac{15 - 8}{15} = \frac{7}{15}$$

So, pens left:

$$15 \times \frac{7}{15} = 7 \text{ pens.}$$

Answer 8:

Total work: 63 hours

Which is (63-40) = 23 hours over 40.

Rate for additional hour: $(25.00 \times 1 \frac{1}{2}) = \$(25 \times 3/2) = \$37.50$

Total salary = (25 × 40) + (37.5 × 23) = =$1862.50