Solve each problem.

1) Dave bought a box of fruit that weighed $8\frac{3}{9}$ kilograms. If he bought a second box that weighed $10\frac{2}{5}$ kilograms, what is the combined weight of both boxes?

2) On Monday Luke spent $9\frac{6}{9}$ hours studying. On Tuesday he spent another $4\frac{2}{3}$ hours studying. What is the combined time he spent studying?

3) Katie and her friend were seeing who could pick up more bags of cans. Katie picked up $6\frac{9}{10}$ bags and her friend picked up $4\frac{1}{2}$ bags. How much more did Katie pick up, then her friend?

4) A large box of nails weighed $5\frac{2}{3}$ ounces. A small box of nails weighed $4\frac{1}{5}$ ounces. What is the difference in weight between the two boxes?

5) In December it snowed $4\frac{2}{3}$ inches. In January it snowed $2\frac{1}{2}$ inches. What is the combined amount of snow for December and January?

6) The combined height of two pieces of wood was $7\frac{4}{9}$ inches. If the first piece of wood was $4\frac{1}{4}$ inches high, how tall was the second piece?

7) Sarah had planned to walk $9\frac{7}{9}$ miles on Wednesday. If she walked $6\frac{1}{2}$ miles in the morning, how far would she need to walk in the afternoon?

8) An architect built a road $10\frac{3}{5}$ miles long. The next road he built was $2\frac{3}{8}$ miles long. What is the combined length of the two roads?

9) A king size chocolate bar was $13\frac{9}{10}$ inches long. The regular size bar was $7\frac{1}{2}$ inches long. What is the difference in length between the two bars?

10) While exercising Ned jogged $6\frac{1}{5}$ kilometers and walked $8\frac{1}{4}$ kilometers. What is the total distance he traveled?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

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10) While exercising Ned jogged $6\frac{1}{5}$ kilometers and walked $8\frac{1}{4}$ kilometers. What is the total distance he traveled?

Answers

1. $\frac{843}{45} = \frac{281}{15}$
2. $\frac{129}{9} = \frac{43}{3}$
3. $\frac{24}{10} = \frac{12}{5}$
4. $\frac{22}{15} = \frac{22}{15}$
5. $\frac{43}{6} = \frac{43}{6}$
6. $\frac{115}{36} = \frac{115}{36}$
7. $\frac{59}{18} = \frac{59}{18}$
8. $\frac{519}{40} = \frac{519}{40}$
9. $\frac{64}{10} = \frac{32}{5}$
10. $\frac{289}{20} = \frac{289}{20}$

1-10	90	80	70	60	50	40	30	20	10	0

Solve each problem.

$519/40 = 519/40$	$22/15 = 22/15$	$115/36 = 115/36$	$43/6 = 43/6$	$24/10 = 12/5$
$289/20 = 289/20$	$64/10 = 32/5$	$59/18 = 59/18$	$129/9 = 43/3$	$843/45 = 281/15$

1) Dave bought a box of fruit that weighed $8\frac{3}{9}$ kilograms. If he bought a second box that weighed $10\frac{2}{5}$ kilograms, what is the combined weight of both boxes?
(LCM = 45)

2) On Monday Luke spent $9\frac{6}{9}$ hours studying. On Tuesday he spent another $4\frac{2}{3}$ hours studying. What is the combined time he spent studying?
(LCM = 9)

3) Katie and her friend were seeing who could pick up more bags of cans. Katie picked up $6\frac{9}{10}$ bags and her friend picked up $4\frac{1}{2}$ bags. How much more did Katie pick up, then her friend?
(LCM = 10)

4) A large box of nails weighed $5\frac{2}{3}$ ounces. A small box of nails weighed $4\frac{1}{5}$ ounces. What is the difference in weight between the two boxes?
(LCM = 15)

5) In December it snowed $4\frac{2}{3}$ inches. In January it snowed $2\frac{1}{2}$ inches. What is the combined amount of snow for December and January?
(LCM = 6)

6) The combined height of two pieces of wood was $7\frac{4}{9}$ inches. If the first piece of wood was $4\frac{1}{4}$ inches high, how tall was the second piece?
(LCM = 36)

7) Sarah had planned to walk $9\frac{7}{9}$ miles on Wednesday. If she walked $6\frac{1}{2}$ miles in the morning, how far would she need to walk in the afternoon?
(LCM = 18)

8) An architect built a road $10\frac{3}{5}$ miles long. The next road he built was $2\frac{3}{8}$ miles long. What is the combined length of the two roads?
(LCM = 40)

9) A king size chocolate bar was $13\frac{9}{10}$ inches long. The regular size bar was $7\frac{1}{2}$ inches long. What is the difference in length between the two bars?
(LCM = 10)

10) While exercising Ned jogged $6\frac{1}{5}$ kilometers and walked $8\frac{1}{4}$ kilometers. What is the total distance he traveled?
(LCM = 20)

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0