

SEA, PEP NGSA Fractions Worksheets

1. Which three of these add to make a whole number? $1\frac{1}{2}$, $2\frac{1}{3}$, $1\frac{1}{6}$, $3\frac{1}{4}$
2. A bucket holds $9\frac{1}{2}$ litres. $3\frac{1}{4}$ litres and $2\frac{1}{2}$ litres are used. How much remains?
3. Which is greater: $\frac{4}{5}$ or $\frac{3}{4}$? Find the difference.
4. One-fifth of a number is 20. What is three-quarters of the number?
5. A rope is $6\frac{1}{2}$ m long. $2\frac{3}{4}$ m is cut off. What remains?
6. The product of two numbers is 12. One number is $3\frac{1}{3}$. Find the other.
7. A child has \$120. She spends $\frac{1}{3}$ and $\frac{1}{4}$. (a) Fraction spent (b) Money left
8. 8 pies cut into 8 slices each. 3 slices are eaten. How many remain?
9. $\frac{1}{4}$ drink juice. $\frac{1}{2}$ of the remainder drink soda. What fraction drink soda?
10. $\frac{2}{5}$ of a number is 30. What is $\frac{1}{2}$ of the number?
11. A boy gives $\frac{1}{3}$ of marbles and then $\frac{1}{4}$ of the remainder. What fraction given in total?
12. 200 items shared in ratio 3:1. Find the smaller group.
13. $\frac{3}{8}$ of a number is 24. Find the number.
14. $\frac{1}{4}$ defective. $\frac{2}{3}$ of working are blue. If 40 are blue, find total.
15. Find: $\frac{5}{6} - \frac{1}{4}$
16. A boy uses $\frac{1}{3}$ of stickers, then $\frac{1}{2}$ of remainder. 18 left. Find original.
17. $\frac{1}{3}$ blue, $\frac{1}{4}$ yellow. What fraction red?
18. Recipe: 2 cups for 4 servings. How much for 12?
19. Each cake uses $\frac{1}{3}$ sugar. For 9 cakes, how much?

Answer Key

1. $1\frac{1}{2}$, $2\frac{1}{3}$, $1\frac{1}{6}$

2. $3\frac{3}{4}$

3. $\frac{4}{5}$ is greater, difference = $\frac{1}{20}$

4. 75

5. $3\frac{3}{4}$

6. $3\frac{3}{5}$

7. (a) $\frac{7}{12}$ (b) \$50

8. 61 slices

9. $\frac{3}{8}$

10. 75

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

12. 50

13. 64

14. 80

15. $\frac{7}{12}$

16. 54

17. $\frac{5}{12}$

18. 6 cups

19. 3 cups