

Math Review - Unit 3 (part 2) Name: \_\_\_\_\_

12. A strip of paper is  $7\frac{1}{2}$  inches long. Angel cuts it into pieces that are each  $\frac{3}{4}$  inch long. Into how many pieces does Angel cut the strip of paper?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

13. Jolene had a ribbon that was  $3\frac{3}{4}$  yards long. She cut it into strips that were each  $\frac{1}{4}$  yard long. Into how many strips did she cut the ribbon?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

14. In the number sentence  $\frac{5}{8} \div \frac{2}{3} = \frac{1}{4}$ , which is the reciprocal of the divisor?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

15. What is the quotient when  $\frac{3}{5}$  is divided by  $\frac{1}{3}$  ?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

16. What is the value of  $n$ ?  $\frac{3}{4} \div \frac{7}{8} = n$

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

17. Heather bought  $2 \frac{1}{4}$  pounds of fudge. She and 5 friends will share the fudge equally. How much fudge will each friend receive? (Hint: how many people are sharing the fudge?)

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

18. Mr. Evans is canning pears. After processing the pears, he can fill 1 canning jar for every  $2\frac{1}{2}$  pounds of fresh pears that he picked. If Mr. Evans picked 15 pounds of pears, how many canning jars can he fill after processing the pears?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

19. Myra has a cupcake recipe that calls for  $3\frac{1}{2}$  cups of flour. She made  $\frac{1}{2}$  the cupcakes that the recipe called for. How much flour did she use?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

20. Divide  $7/8 \div 5/12$

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

21. Which of the following expressions can be used to find the quotient of  $3/4 \div 2/5$ ?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

22. Tricia has  $12/15$  pounds of birdseed. She is filling bags with  $1/5$  pounds of birdseed in each bag. How many bags will Tricia fill?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

23. What is the recommended serving size if  $4/9$  cup is  $8/9$  of a serving?

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained:

24. Which of the following expressions can be used to find the quotient of  $\frac{5}{8} \div \frac{3}{7}$ ?

a.  $(5 \times 7) / (8 \times 3)$

b.  $(5 + 3) / (8 + 7)$

c.  $(5 - 3) / (8 - 7)$

d.  $(5 \times 3) / (8 \times 7)$

Solve it:	Check it:
	Why your answer is right:
Signature:	Help Explained: