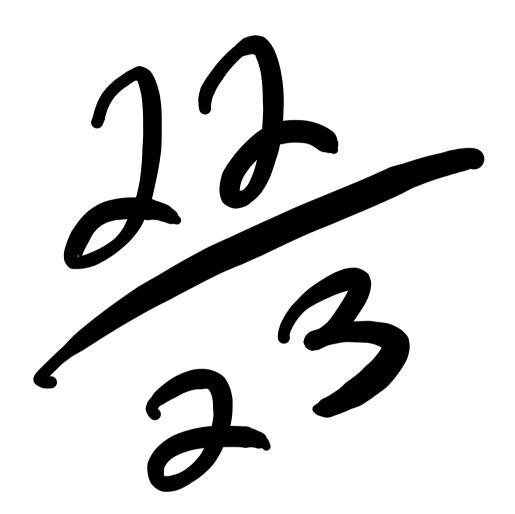
Using Unit Rates



Express each rate as a unit rate.

1. \$50 for 4 days work

\$ 12.50 per day

2. 3 feet of snow in 5 hours

0.6ft per hr.

\$50 ÷4 = \$12.56	3f1 ÷ 5 0.6f1
4 days = 4 1 day	5 hrs = 5 1 hr
12.50	0.6
4/50.00	5 3.00
<u>-4 4 1 </u>	30,
$-\frac{8}{8}$	S
20	
4	

3. \$22 for 5 dozen donuts

\$4.40 per dozen

4. \$73.45 in 13 hours

\$5.65 per hr.

#	22	÷	5	#	1.40			Ø	73	45	÷1°	3	\$5	65	
	50	-	5	# 4	doz	en a	lonat		1	3 hr	÷1	3	\$5 11	10	
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5				0							5.6	5			
	-2	0	S					1	3	73	3 . L	15	-		
		20	9							65	5 1				
	_	2	2							8					
			0							7	8	1			
												5			
											6	5			
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5. 1,473 people entered the park in 3 hours

6. 11,025 tickets sold at 9 theaters

491 people per hr.

1225 tickets per theatre

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3hr +3 1hr	11025 tidets = 9 1225 9 theores = 9 1
491	1225
3 1 4 7 3	9/1/025
-121	<u>-9</u> J
27	201
27 1	22
03	193
<u> </u>	45



7. 100 meters in 12.2 seconds & 8.17 Mcters per second

8. 21.5 pounds in 12 weeks

1.79 pounds per wk

1	00 m	÷	12.2			21.5	2001 ds =	12	1.79	pound
1;	2.2 5.	ec :	12.2	Tse	2c	12 W.	2001.0s =	z i	1 ~	uk
			8	.10	16		1.7	91		
1	2,	2/	1000	. 00	0 (12	21.50	0		
			976				1211			
			24	0			95			
			12	21			841			
			11	80			110			
			10	98			100	0		
				82	0		1	7		

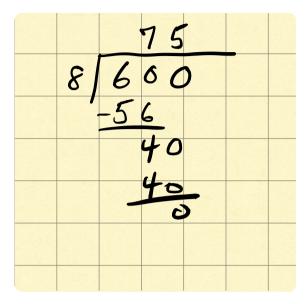
8 flowers per vase

2 cups per serving

\$12 per tichet

\$15 per game

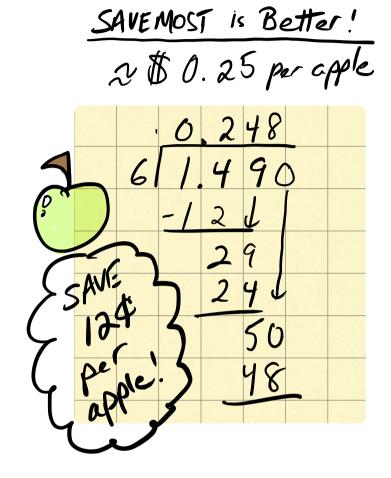
75 students per class



8 penuls per box

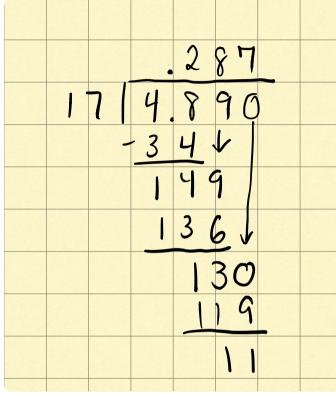
15. You can buy 4 Granny Smith apples at Ben's Mart for \$0.95. SaveMost sells the same quality apples 6 for \$1.49.

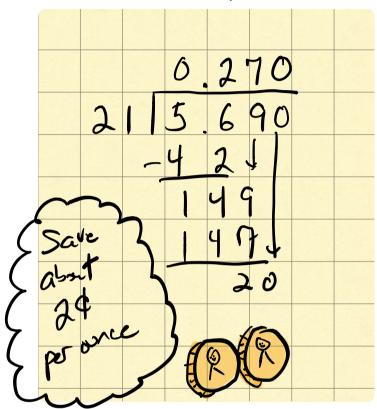
≈\$ C).3	7 p	ver c	ام	e
	0	. 3	72		
4		.4	91)	
	-1	2			
		2	9		
		2	8 1		
			10		



16. A 17-ounce box of cereal for \$4.89 of a 21-ounce box for \$5.69 21 ounce box is BETTER

2 \$ 0.29 per ounce \$\$\alpha\$ \$ \$ 0,27 per ounce



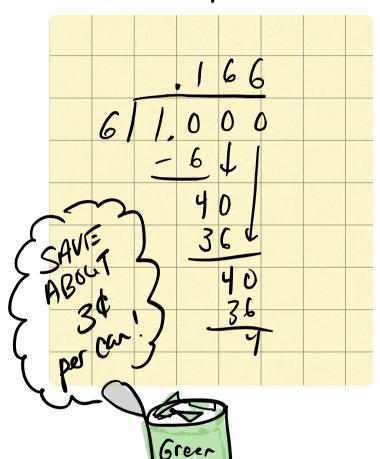


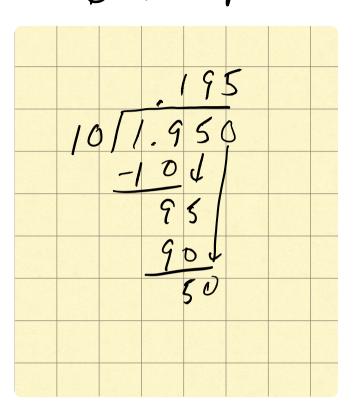
17. 6 cans of green beans for \$1 of 10 cans for \$1.95

\$ 17¢ per can

& 20¢ per can

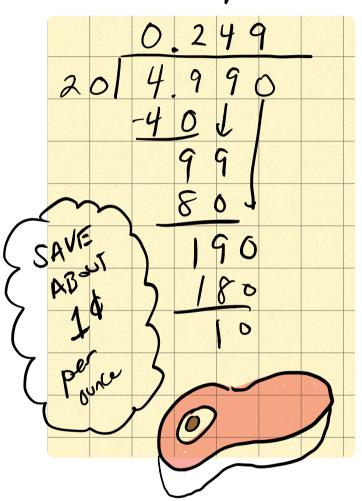
\$ 0.195 per can



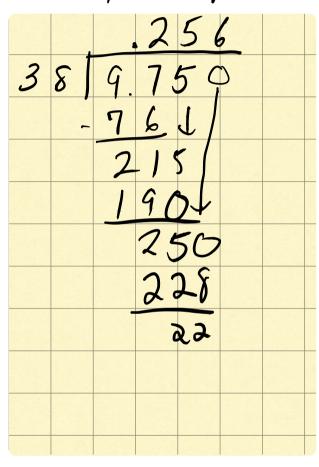


18. 1 pound 4 ounces of meat for \$4.99 of 2 pounds 6 ounces for \$9.75 (1 pound = 6 ounces)

2 \$ 0.25 per ource



2\$ 0.26 per ource



19. A 2-liter bottle of soda for \$1.39 or a 12-pack of 12-ounce cans for \$3.49 (Hint: 2 liters = 67.63 ounces)

67.63 ounces 144 ounces ≈ 0.021 per ource ≈ 0.023 per ource 3585 Sale x cox

20. CARS Gas mileage is the average number of miles you can drive a car per gallon of gasoline. A test of a new car resulted in 2,250 miles being driven using 125 gallons of gas. Find the car's gas mileage.

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125		22	50)	
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		D (00		
			0		

21. ART An auction in New York City, a 2.55-square inch portrait of George Washington sold for \$1.2 million. About how much did the buyer pay per square inch of the portrait?

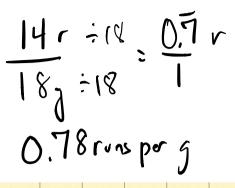
$$\frac{1.2 \text{ million}}{2.55 \text{ in}^2} \div 2.55$$

\$0.47 million per in?

~ 470,000 per in?

4745
255 1,20000
-102011
1800
1785
1150
1020
1300
1275

22. Last season, a baseball player scored 14 runs in 18 games. This season, the baseball player scored 12 runs in 15 games. Find the number of runs scored per game in each season. Round your answers to the nearest hundredth. Then identify the season in which the player scored more runs per game.



12 = 0.8 r 15 g ly 0.80 runs per game

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			14	10							0		
			1	26	ل								
				14	0								

23. At a lake there are 2 boat rental shops. Shop A charges \$210 for a 4-hour rental, and shop B charges \$228 for a 6-hour rental. Which shop charges more per hour? How much more expensive is this shop?

