

Multiplication & Division

WRITE AN EQUATION FOR EACH SITUATION. THEN SOLVE THE PROBLEM.

1. A angler caught 40 fish in Lake Mendota. She gave 5 fish to each of her siblings. How many siblings does the angler have?

2. Monona Bay has 14 sailboats in 2 equal rows. How many sailboats are in each row?

3. The Yahara Watershed has 5 lakes. Cam visits each lake 7 times this month. How many times did Cam visit a Yahara lake this month?

4. Bucky spent \$24 on 12 fishing hooks. Each hook costs the same amount. How much did each hook cost?

5. Avery's mom gave her 4 stickers for each union chair she counted on the terrace. Avery counted 9 chairs. How many stickers did her mom give her?

6. Ciara picked up 8 leaves in her yard each day last week. How many leaves in total did she pick up after 7 days?



Multiplication & Division

MULTIPLY OR DIVIDE TO FIND THE UNKNOWN NUMBERS.

1. $3 \times 8 = \underline{\quad}$ 2. $6 \times \underline{\quad} = 24$ 3. $81 \div 9 = \underline{\quad}$
4. $15 \div 3 = \underline{\quad}$ 5. $9 \times 3 = \underline{\quad}$ 6. $48 = \underline{\quad} \times 8$
7. $10 \times \underline{\quad} = 30$ 8. $27 \div 3 = \underline{\quad}$ 9. $30 \div 6 = \underline{\quad}$

WRITE AN EQUATION AND SOLVE THE PROBLEM.

10. There are 4 rowers in a boat. Manuel saw 3 boats of rowers on Lake Monona. How many rowers did he see?

11. Gia's rain barrel becomes full every 4 rains. How many times does it become full after 24 rains?

12. There are 4 harbor patrollers in a police boat. If 7 police boats are out on Lake Mendota, how many harbor patrollers are on Lake Mendota?

13. Mo counts 40 rowers in 5 boats. How many rowers are in each boat?



Multiplication & Division

WRITE AN EQUATION AND SOLVE THE PROBLEM.

1. Gwen left the water running while brushing her teeth in the morning and collected 9 cups of water each time she brushed her teeth every day for 7 days. How many cups of water did she collect over the 7 days?

2. Matti gave 18 bottles of water to her teammates at practice. After practice, she had 6 bottles left. How many bottles of water did she have to start?

3. The union chairs are set up in 6 rows of 5 chairs for the live musical performance. How many total chairs are set up for the performance?

4. Mr. James spent \$27 on rental paddle boards for his 9 students. Each paddle board rental costs the same amount. What is the cost for one paddle board rental?



Multiplication & Division

WRITE AN EQUATION AND SOLVE THE PROBLEM.

1. Billie the Bluegill swam past 5 schools of fish. Each school of fish contained 8 fish. How many fish in total did Billie swim past?

2. A bike rack at Lake Wingra holds 30 bikes total. The bike rack is divided into 3 rows. How many bikes fit in each row?

3. Nat picked up 40 rocks at James Madison Beach and wants to give the rocks to 5 friends so that each friend gets the same number of rocks. How many rocks will Nat give each friend?

4. Ella bought 4 sets of rain barrels. Each set contains 3 rain barrels. How many total rain barrels did Ella buy?



Multiplication & Division

WRITE AN EQUATION FOR EACH SITUATION. THEN SOLVE THE PROBLEM.

1. Toni's back yard is 5 yards long by 6 yards wide. How many square yards is her backyard?

3. Zander brushes his teeth 4 times a day. How many times a week does Zander brush his teeth?

5. Jeff runs 6 miles around Lake Wingra each day. How many total miles does Jeff run each week?

2. There are 42 buoys to be divided among a 6 kilometer rowing course. How many buoys go in each 1 kilometer increment?

4. It takes Alex 3 hours to rake up one yard of leaves. How many yards can she rake in 24 hours?

6. Each car of the train at Henry Vilas Zoo holds 5 students. If all 7 cars are full, how many students are on the train?



Multiplication & Division

SOLVE.

1. $4 \times 6 = \underline{\quad}$

2. $8 * 8 = \underline{\quad}$

3. $20 \div 4 = \underline{\quad}$

4. $36 \div 9 = \underline{\quad}$

5. $15 \div \underline{\quad} = 5$

6. $7 \times \underline{\quad} = 14$

7. $\underline{\quad} \times 6 = 36$

8. $40 = \underline{\quad} \times 4$

9. $54 = 6 \times \underline{\quad}$

10. $5 = \underline{\quad} \div 10$

11. $32 = \underline{\quad} \times 4$

12. $6 = 36 \div \underline{\quad}$

13. $8 \times 3 = \underline{\quad}$

14. $4 \times \underline{\quad} = 24$

15. $15 \div 5 = \underline{\quad}$

16. $3 \times 9 = \underline{\quad}$

17. $3 \times \underline{\quad} = 30$

18. $27 \div 3 = \underline{\quad}$

19. $60 \div 6 = \underline{\quad}$

20. $8 = 72 \div \underline{\quad}$

21. $\underline{\quad} \div 4 = 0$

22. $\underline{\quad} = 63 \div 9$



Place Values & Rounding

WRITE THE NUMBER.

1. $500 + 60 + 8 =$ _____

2. $100 + 20 + 5 =$ _____

3. $900 + 10 + 6 =$ _____

4. $400 + 90 =$ _____

5. $700 + 7 =$ _____

6. $3,000 + 80 =$ _____

7. 2 hundreds + 9 tens + 1 ones

8. 5 hundreds + 4 tens + 8 ones

9. 8 hundreds + 2 ones

10. 5 hundreds + 3 tens

4 hundreds + 7 tens

11.

5 thousands + 1 tens + 9 ones

12.

ROUND EACH NUMBER TO THE NEAREST HUNDRED.

1. 725 _____

2. 303 _____

3. 689 _____

4. 254 _____

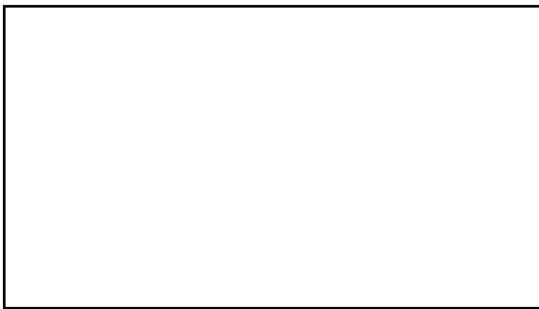
5. 990 _____



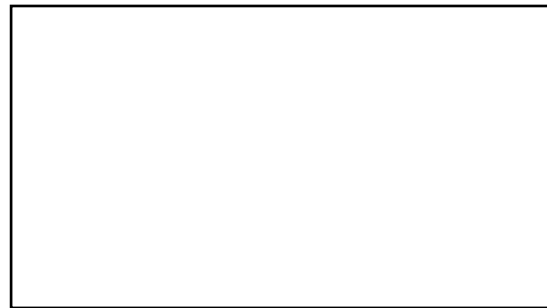
Place Values & Rounding

Solve using a numerical method and a proof drawing by using the shapes to the left.

1. Greta and Alex combined their leaf collections . Greta had 256 leaves. Alex had 367 leaves. How many leaves are in their combined collection?



2. There were 185 people running on The Lakeshore Path in the morning. There were 229 people running on The Lakeshore Path in the afternoon. What was the total number of runners on the The Lakeshore Path in the morning and afternoon combined?



Solve using a numerical method.

3. $417 + 228 =$ _____

4. $176 + 167 =$ _____

5. $153 + 221 =$ _____

6. $238 + 391 =$ _____

Unscramble the place values and write the number.

7. 6 hundreds + 7 tens + 6 ones _____

8. 5 ones + 7 hundreds _____

9. 7 tens + 8 hundreds _____



Place Values & Rounding

ROUND EACH NUMBER TO THE NEAREST TEN.

1. 914 _____

2. 98 _____

3. 45 _____

Mr. Smith drove 144 miles from Chicago, Illinois to Lake Monona. Then he drove 195 miles from Lake Monona to Indiana Dunes State Park.

1. Estimate the total distance Mr. Smith drove by rounding each number to the nearest hundred.

2. Estimate the total distance Mr. Smith drove by rounding each number to the nearest ten.

3. Find the total number of miles Mr. Smith drove. Which of your estimates is closer to the actual total? Explain.



Place Values & Rounding

SOLVE EACH PROBLEM USING A PROOF DRAWING.

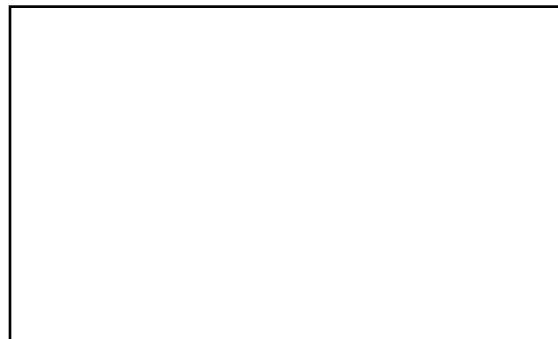
1. Ms. O'Neal emptied her rain barrel 2 times last month. The first time she emptied it there was 395 gallons of water. The second time there was 487 gallons of water. How many gallons of water did she empty combined?



2. The Memorial Union Terrace restaurants use 225 pounds of sweet potatoes and 465 pounds of regular potatoes every week. How many pounds of potatoes does the Memorial Union Terrace restaurants use in all each week?



3. Christopher's fish sensor received 176 hits on Monday and 349 hits on Tuesday. How many hits did his fish sensor get on the 2 days combined?



Addition & Subtraction

ADD.

1. 674 2. 416 3. 747 4. 479 5. $1,355$
 $+ 272$ $+ 152$ $+ 25$ $+ 398$ $+ 777$

WRITE AN EQUATION AND SOLVE THE PROBLEM.

Lake Wingra has 284 bluegills and 174 catfish.
How many total fish does Lake Wingra have?

Weights of Wild Cats at Henry Vilas Zoo

Type of Wild Cats	Weight in Pounds
Lion	329
Tiger	485
Leopard	67
Cheetah	128
Jaguar	204

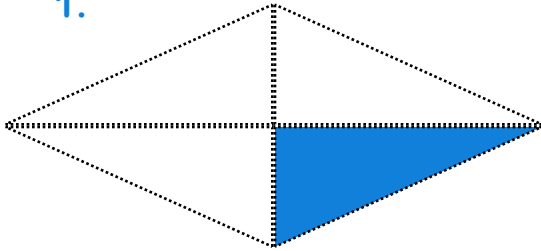
1. What is the combined weight of the two smallest cats in the table?
2. The total weight for which two cats is 533 pounds?
3. The total for which two cats is about 460 pounds?
4. The total weight for which two cats is about 700 pounds?
5. The weight of which two cats, rounded to the nearest hundred, are the same number?



Fractions

THE TRIANGLES IN THE SHAPES ALL HAVE THE SAME AREA. COUNT THE EQUAL PARTS IN THE WHOLE. WHAT UNIT FRACTION OF THE WHOLE IS THE SHADED TRIANGLE?

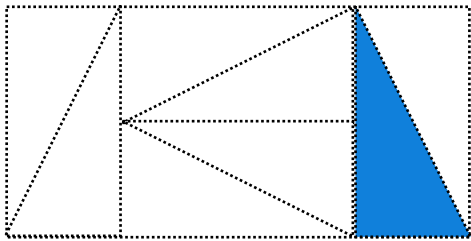
1.



There are _____ equal parts in the whole shape.

The shaded triangle is _____ of the whole shape.

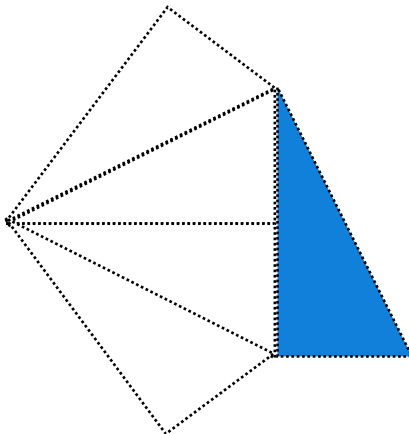
2.



There are _____ equal parts in the whole shape.

The shaded triangle is _____ of the whole shape.

3.



There are _____ equal parts in the whole shape.

The shaded triangle is _____ of the whole shape.



Telling Time

Q1. Type the time on the digital clock.



Q2. Type the time on the digital clock. Then write how to say the time.



Q3. Move the hands on the analog clock. Type the time on the digital clock.

six fifteen

quarter to ten

thirty minutes after two



Telling Time

COMPLETE THE TABLE.

Start Time	Elapsed Time	End Time
3:00 P.M.		9:00 P.M.
1:18 A.M.		5:41 A.M.
4:30 A.M.	2 hours and 19 minutes	
4:40 P.M.	5 hours and 12 minutes	
	3 hours and 35 minutes	10:00 A.M.
	6 hours and 28 minutes	6:47 P.M.

SOLVE. USE THE CLOCK IF YOU NEED TO.

1. Violet left Lake Wingra at 4:00 P.M. on Saturday. She had been there for 2 hours and 15 minutes. What time did she get to the movie theater?

2. Amy walked on the bike path from 3:35 P.M. to 4:20 P.M. How much time did Amy spend walking?

3. Rashid arrived at James Madison Park at 6:30 P.M. Then he canoed for 1 hour and 45 minutes. What time did he stop canoeing?

4. Madeline started work at the Memorial Union at 5:45. She finished work at 7:35. How long did Madeline work?



Two - Step Problems

SOLVE EACH PROBLEM.

1. Jasmine had \$14. She spent \$6 on a fishing rod. Then her mother gave her \$4 allowance for raking the yard. How much money does Jasmine have now?

2. Rafi fishes on Lake Waubesa. He catches 5 catfish, 9 panfish, and some walleye. He catches 19 fish in total. How many walleye does he catch?

3. Tyesha collected 16 leaves in her backyard. She collected 7 more leaves than her brother Jalen. How many leaves did Tyesha and Jalen collect altogether?

4. Milo counted 15 boats out on the lake. 8 were sailboats and the rest were kayaks . Then 3 more kayaks launched onto the lake. How many kayaks are now on the lake?

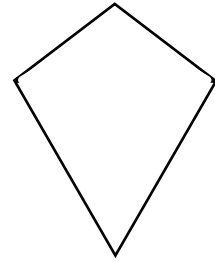
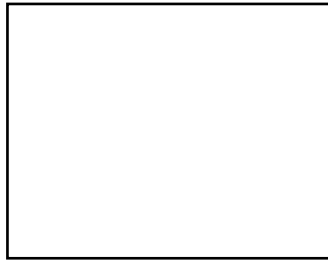
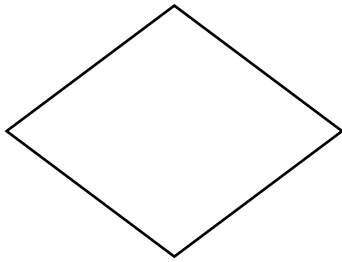
5. There were 23 people out on Lake Kegonsa. 12 were swimming, and the rest were paddle boarding. Then 3 paddle boarders exited the lake. How many paddle boarders are in the lake now?

6. Chen collected 17 gallons of water in an experiment in which she left her water running while she brushed her teeth. She used 5 gallons to water her plants. She still has 6 more gallons of water than her friend Louis who also did the experiment. How many gallons of water does Louis have?



Geometry

MOVE A CIRCLE FOR EVERY NAME THAT DESCRIBES THE FIGURE.



quadrilateral

quadrilateral

quadrilateral

parallelogram

parallelogram

parallelogram

square

rectangle

rectangle

rhombus

square

square

DRAW EACH FIGURE.

1. Make a rectangle that is not a square
2. Make a rhombus that is not a square

