Question 1

Correct ☆

Incorrect

Group

Turned-In ⓧ

Each gold coin weighed .86 grams. How many grams did 100 coins weigh altogether?

________ grams

Question 2

Correct ☆

Incorrect

Group

Turned-In ⓧ

Write each as a decimal number.

one and three tenths	
forty-five hundredths	
thirty-two thousandths	
three hundred, sixty-three thousandths	

Question 3

Correct ☆

Incorrect

Group

Turned-In ⓧ

Solve each problem. Use scratch paper to do your work. Write only your answers on this sheet. Don't forget to add remainders if there are any.

$12\overline{)\,38}$

$15\overline{)\,570}$

$23\overline{)\,9{,}315}$

Question 4

Correct ☆

Incorrect

Group

Turned-In ⓧ

Solve each problem. Do your work on scratch paper. Write only your answers here.

$\begin{array}{r} 3\ 0\ 0 \\ \text{x}\ 2\ 0 \\ \hline \end{array}$

$\begin{array}{r} 4,\ 0\ 0\ 0 \\ \text{x}\ 3\ 0\ 0 \\ \hline \end{array}$

$\begin{array}{r} 6,\ 0\ 0\ 0 \\ \text{x}\ 6\ 0 \\ \hline \end{array}$

Question 5 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Captain Jumper’s cabin has a square roof.

The perimeter of the roof is 48 feet.

What is the length of one side of the cabin’s roof?

__________ feet

Question 6 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Solve each problem below. Write each answer as a mixed, or whole, number. Write your answer in lowest terms.

8 x 1/2 =	
8 x 4/7 =	

Question 7 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Step 1: Find ½ of 12. Write **that** digit in the tens place.

Step 2: Find ½ of 40. Divide **that** number by 10. Write that digit in the hundreds place.

Step 3: Find ½ of 600. Divide **that** number by 100. Write that digit in the ones place.

Question 8 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Use the >, <, or = symbols to compare each pair of fractions.

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

$\frac{2}{7}$ $\frac{1}{4}$

$\frac{1}{6}$ $\frac{2}{5}$

Question 9

Correct ☆

Incorrect

Group

Turned-In ⓧ

Captain Long promised each member of his crew extra gold if, and only if, they could answer each problem correctly. Solve each problem correctly.	
65.4 ÷ 10 =	
56.5 ÷ 100 =	
4.2 ÷ 10 =	

Question 10

Correct ☆

Incorrect

Group

Turned-In ⓧ

About 129,000 people live in Blueville.
1/10 as many people live in Purpleville as in Blueville.
How many people live in Purpleville?

__________ people

Question 11

Correct ☆

Incorrect

Group

Turned-In ⓧ

Complete the table below.	
1 Pint =	______ Cups
1 Foot =	______ Inches
1 Gallon =	______ Quarts
1 Centimeter =	______ Millimeters

Question 12

Correct ☆

Incorrect

Group

Turned-In ⓧ

Circle each number below that has a digit in the hundreds place that is exactly 1/10 the value of the digit in the thousands place.

6,546
3,136
7,726
1,137
4,642
4,246
9,899
2,422
2,257
5,549
3,163
9,495
8,841

Question 13 | Correct ☆ | Incorrect ○ ○ ○ | Group | Turned-In ⓧ

Avast Ye! Captain Picklenose has ordered that crew members must understand decimals.

Use the symbols >, <, or = to compare each pair of decimals below.

0.35 _____ 0.15

0.51 _____ 0.31

0.23 _____ 0.71

Question 14 | Correct ☆ | Incorrect ○ ○ ○ | Group | Turned-In ⓧ

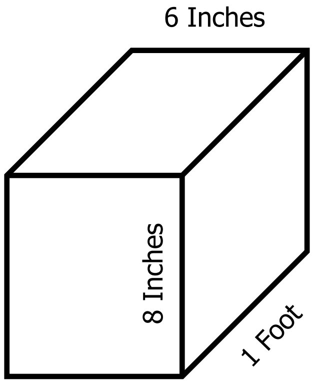
Follow Captain Pigsnout's orders in the table below.

Round each number in Column B to the nearest hundredth.	Column B
	0.398
	0.526
	0.591

Question 15 | Correct ☆ | Incorrect ○ ○ ○ | Group | Turned-In ⓧ

How many 1 inch cubes will fit in the rectangular prism below?

_________ cubes



Question 16 | Correct ☆ | Incorrect ○ ○ ○ | Group | Turned-In ⓧ

Cap'n Fishlips demands that you follow the directions below or you'll be swabbin' the deck for a month.

Step 1: Divide 10 by 2. Write *that* digit in the hundredths place.

Step 2: Divide 240 by 80. Write *that* digit in the tenths place.

Step 3: Divide 100 by 4. Then, divide **that** number by 25. Write *that* digit in the thousandths place.

Step 4: Divide 40 by 20. Write *that* digit in the tens place.

Step 5: Divide 32 by 8. Write *that* digit in the hundreds place.

Step 6: Write 0 in the empty space.

☐☐☐.☐☐☐

Question 17

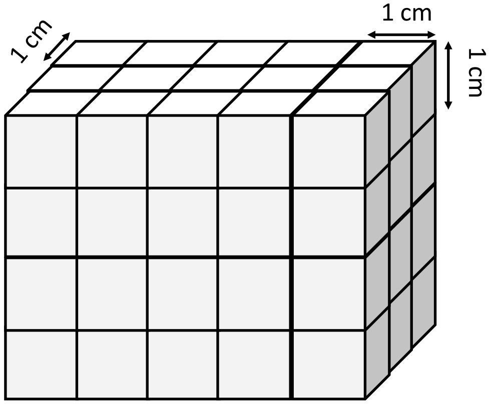
Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

Mutiny is it? I wouldn't try it if I were you. Captain Blackjack will have none of that. Now, find the volume of the figure below.



Answer: __________ Cubic Centimeters

Question 18

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

Circle each number below where the value of the digit in the hundreds place is 10 times the value of the digit in the tens place.
5,376,119
4,351,213
7,482,646

Question 19

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

Circle each number below where the value of the digit in the tens place is 1/10 the value of the digit in the hundreds place.
3,821,553
2,741,366
2,485,747

Question 20

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

Solve each division problem below. Do your work on scratch paper. Put only the answers here. There are no remainders.

$$11\overline{)\,187}$$

$$20\overline{)\,320}$$

$$16\overline{)\,384}$$

Question 21 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Solve each problem below or be prepared to be keelhauled!

Answers **must** be in lowest terms.

$5\frac{1}{4} - 2\frac{3}{4} =$

$3\frac{1}{3} - 1\frac{2}{3} =$

$4\frac{3}{8} - 3\frac{1}{8} =$

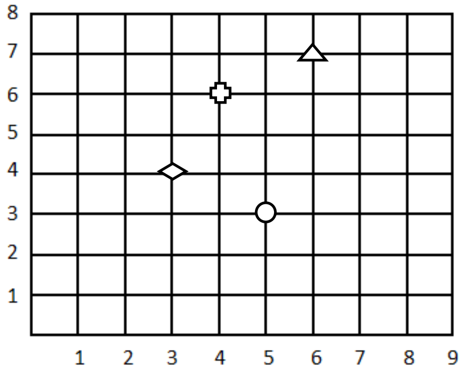
Question 22 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

What are the coordinates of the △ ? ________________

What are the coordinates of the ◇ ? ________________

What are the coordinates of the ○ ? ________________

What are the coordinates of the ✚ ? ________________

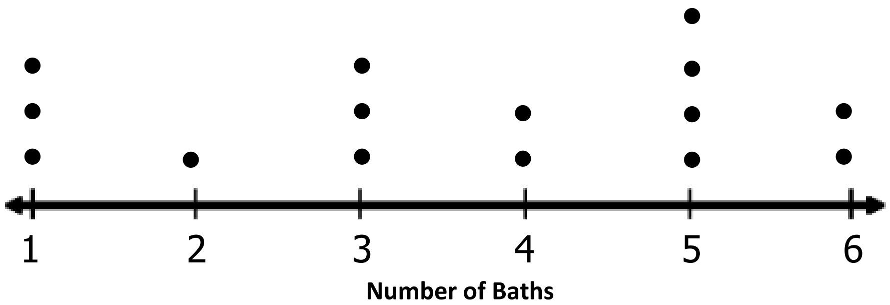


Question 23 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Captain Dirty Face had his crew keep track of the number of times they took baths in one year. Based on the dot plot below, how many crew members took more than 3 baths in the one year?

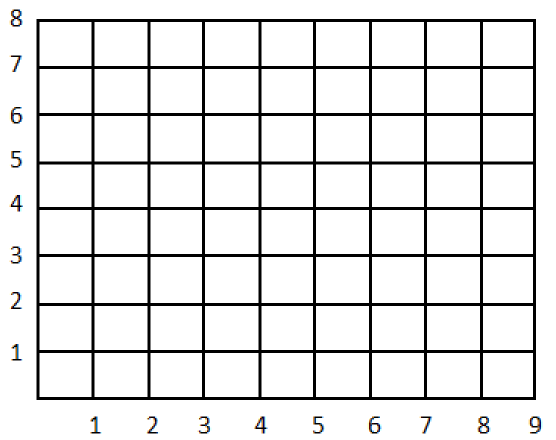
Crew Members Taking Baths

________ crew members



Question 24 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Draw a line segment from point (5,2) to point (7,6).
Then draw a line segment from point(7,6) to point (1,2).
Draw a line segment from point (1,2) to point (5,2)



Question 25

Correct
☆

Incorrect
● ● ●

Group

Turned-In
ⓧ

Complete the table below.	
1 Minute =	_____ Seconds
1 Yard =	_____ Inches
1 Kilogram =	_____ Grams
1 Milliliter =	_____ Liters

Question 26

Correct
☆

Incorrect
● ● ●

Group

Turned-In
ⓧ

Each gold coin weighed .92 grams. How much did 1,000 coins weigh altogether?

______ grams

Question 27

Correct
☆

Incorrect
● ● ●

Group

Turned-In
ⓧ

The pirate ship Flaming Arrow captured the Queen Jane, which was filled with crates of gold. The hold (space for carrying cargo) of the Flaming Arrow was 4 feet high, 3 feet wide, and 7 feet wide. The captain of the Flaming Arrow had the hold emptied in order to lock up the gold. Each crate was 1 foot high, 1 foot wide, and 2 feet long. How many crates of gold would fit into the hold of the Flaming Arrow?

_______ crates of gold

Question 28

Correct
☆

Incorrect
● ● ●

Group

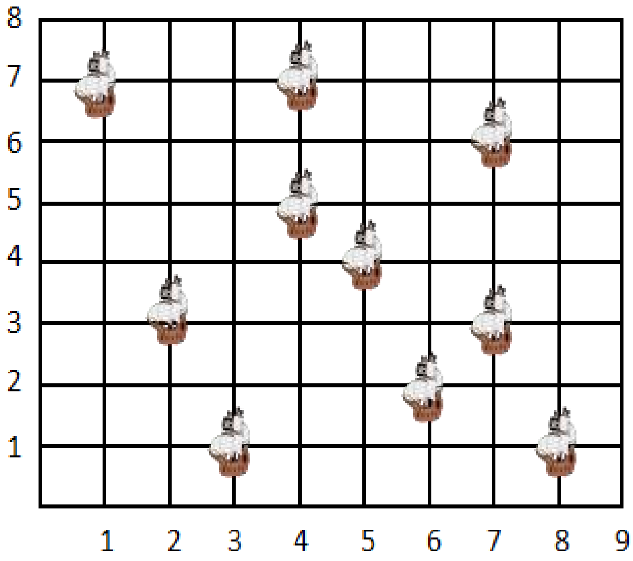
Turned-In
ⓧ

Solve each problem below.	
(9 x 7) + 4 =	
(32 ÷ 4) + (7 x 5) =	
56 ÷ 7 - 5	
(28 ÷ 4) x (5 + 4) =	

Question 29 | Correct ☆ | Incorrect | Group | Turned-In x

The pirate ship fired its cannon at the ships shown, hitting 2 of them - one at point (7,3) and one at point (4,5).

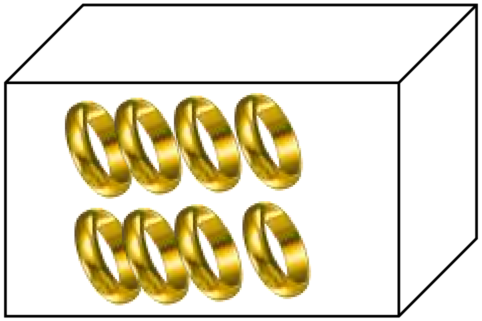
Circle the 2 ships that were hit.



Question 30 | Correct ☆ | Incorrect | Group | Turned-In x

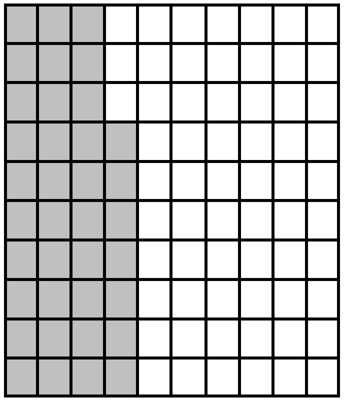
Captain Greedy’s crew captured 8 small boxes of 8 rings each. Each ring weighed 3.1 grams. What was the total weight of all of the rings when taken out of the boxes and put together?

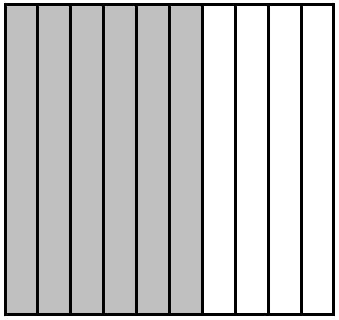
________ grams



Question 31 | Correct ☆ | Incorrect | Group | Turned-In x

Tell what each decimal number is shown in the two pictures below.





Question 32 | Correct ☆ | Incorrect | Group | Turned-In x

Solve the equations below.

4	x	10^2	=
5	x	10^3	=
8	x	10^4	=

Question 33 | Correct ☆ | Incorrect ● ● ● | Group | Turned-In ⓧ

Solve the equations below.

7.81	x	10^2	=
8.68	x	10^3	=
9.90	x	10^4	=

Question 34 | Correct ☆ | Incorrect ● ● ● | Group | Turned-In ⓧ

Round each decimal to the nearest hundredth.	
984.338	
934.488	
0.398	

Question 35 | Correct ☆ | Incorrect ● ● ● | Group | Turned-In ⓧ

Round each decimal to the nearest thousandth.	
4,778.264	
5,138.092	
.7761	

Question 36 | Correct ☆ | Incorrect ● ● ● | Group | Turned-In ⓧ

Solve each multiplication problem below.

$$\begin{array}{r} 141 \\ \times\ 18 \\ \hline \end{array} \qquad \begin{array}{r} 327 \\ \times\ 290 \\ \hline \end{array}$$

Question 37	Correct ☆	Incorrect ◉ ◉ ◉	Group	Turned-In ⓧ

Solve each multiplication problem below.

$$\begin{array}{r} 5.3 \\ \times\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 2.2 \\ \times\ 6 \\ \hline \end{array}$$

Question 38	Correct ☆	Incorrect ◉ ◉ ◉	Group	Turned-In ⓧ

Solve each problem below.	
25.2 + .2 =	
289.8 + .9 =	
175.7 + .4 =	

Question 39	Correct ☆	Incorrect ◉ ◉ ◉	Group	Turned-In ⓧ

Solve each problem below.	
27.0 - .6 =	
165.5 - .3 =	
138.5 - .5 =	

Question 40	Correct ☆	Incorrect ◉ ◉ ◉	Group	Turned-In ⓧ

Captain 2-Fingers’ spent $8.50 for two, 1-pound sacks of flour. (They cost the same.)
How much did each sack of flour cost? You must write your answer using the $ sign correctly.
________ for each sack

Question 41 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Solve each multiplication problem below.

You must write each answer in lowest terms.

$\frac{2}{8}$ X $\frac{2}{8}$ = = ________

$\frac{1}{4}$ X $\frac{1}{4}$ = = ________

$\frac{2}{8}$ X $\frac{2}{8}$ = = ________

Question 42 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Solve each multiplication problem below.

You must write each answer in lowest terms.

$\frac{3}{4}$ X 4 = =

$\frac{4}{5}$ X 2 = =

$\frac{4}{9}$ X 8 = =

Question 43 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

Stumpy Mack has 3 times as many gold coins as Blue Hair Mike.

Captain Williams has 54 pieces of gold.

Blue Hair Mike has 1/6 as many pieces of gold as Captain Williams.

How many pieces of gold do they have altogether?

______ pieces of gold

Question 44 | Correct ☆ | Incorrect ◉ ◉ ◉ | Group | Turned-In ⓧ

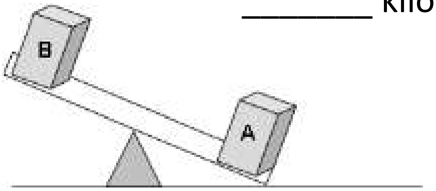
Box A below holds 20.24 kilograms of gold.

Box A below holds 13.74 kilograms of gold.

When empty, each box weighs the same.

How many kilograms of gold must be added to Box B in order to balance the scale?

_______ kilograms of gold



Question 45	Correct ☆	Incorrect ○ ○ ○	Group	Turned-In x

There were fifty-one thousand four hundred thirty-six people living in twenty-eight towns in the United States.

Each town had the same number of people. How many people were living in each town?

Write your answer in standard form.

_________ people

Question 46	Correct ☆	Incorrect ○ ○ ○	Group	Turned-In x

There were about 60,000 people living in Charleston in 1870.

1/10 of these were pirates.

How many were NOT pirates?

_______ were not pirates

Question 47	Correct ☆	Incorrect ○ ○ ○	Group	Turned-In x

Captain Carbuckle took the temperature of the water in two ports. The temperature in Panama City was 82.48° Fahrenheit. The temperature in Santa Domingo was 83.84° Fahrenheit.

How many degrees warmer is one port than the other?

Also, round the temperature difference to the nearest tenth.

Difference	Nearest Tenth

Question 48	Correct ☆	Incorrect ○ ○ ○	Group	Turned-In x

Captain Kunkle’s gold nugget that has a mass of 179.98 grams. What is the mass, in grams, of Captain Kunkle’s nugget when rounded to the nearest hundredth?

_______ grams

Question 49	Correct ☆	Incorrect	Group	Turned-In ⓧ

Captain Slim Pickens had 30 crew members.

He gave 4/5 of his crew the day off on Monday. Everyone else had to stay on the ship and work. How many crew members had to stay on the ship and work?

_____ crew members

Question 50	Correct ☆	Incorrect	Group	Turned-In ⓧ

Captain Bones fought a battle lasting 1 and 7/10 hours. How many minutes did the battle last?

______ minutes

Question 51	Correct ☆	Incorrect	Group	Turned-In ⓧ

The ship’s cook has 5 ounces of salt to make biscuits. He needs 1/2 ounce of salt to make 3 biscuits. If he uses all of the salt, how many biscuits can he make?

______ biscuits

Question 52	Correct ☆	Incorrect	Group	Turned-In ⓧ

1/5 of the pirates on the ship own swords. 1/3 of the pirates own knives.

There are 30 pirates on the ship.

How many of the pirates own either swords or knives?

_______ pirates

Question 53

Correct ☆

Incorrect

Group

Turned-In X

Put a check mark beside the statement that explains how to begin to plot the point at (5, 9) on a coordinate plane?

	Start at the origin and move 5 units up.
	Start at the origin and move 5 units to the right.
	Start at the origin and move 9 units to the right.
	Start at the origin and move 9 units to the left.

Question 54

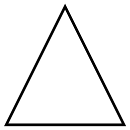
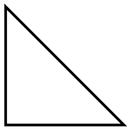
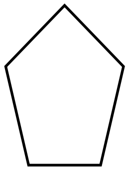
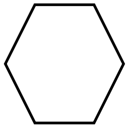
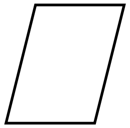
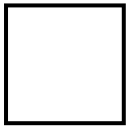
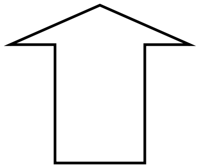
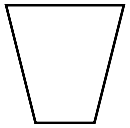
Correct ☆

Incorrect

Group

Turned-In X

Circle each irregular polygon.

Question 55

Correct ☆

Incorrect

Group

Turned-In X

Place a check mark beside each statement below that is true.

	All parallelograms are also rhombuses.
	Each pair of opposite sides of a rhombus are parallel.
	All the sides of a parallelogram are equal in length.
	Some rhombuses are not parallelograms.
	All squares are rectangles.
	All rectangles are squares.
	A trapezoid has one set of parallel sides.
	A trapezoid has two sets of parallel sides.

Question 56

Correct ☆

Incorrect

Group

Turned-In X

Captain Tripping Feet’s anchor chain is 126 feet long.

How many yards long is her anchor chain?

________ yards

Question 57

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

Captain Stink's treasure chest weighs 2 pounds when it is empty. When it is completely filled with gold, it weighs 6 pounds.

If you place the gold (without the chest) on the scale, how many ounces does the gold weigh?

________ounces

Question 58

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

The ship's crew fills 7 barrels with gruel before leaving port.

Circle the **best** type of measure to describe how much gruel in all they are leaving port with.

perimeter	volume
area	mass

Question 59

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

The ships storage area has a length of 9 feet, a width of 6 feet, and a height of 2 feet.

What is the volume (in cubic feet) of the storage area?

_________ cubic feet

Question 60

Correct ☆

Incorrect ● ● ●

Group

Turned-In ⓧ

A storage area has a length of 1 feet, a width of 1 feet, and a height of 2 feet.

What is the volume (in cubic **inches**) of the storage area?

_______ cubic inches

Question 61

Correct ☆

Incorrect

Group

Turned-In x

Circle the name of the type of triangle below where all three sides and angles are of different measurements and all three angles are different.

Left Triangle	Scalene Triangle	Obtuse Triangle
Isosceles Triangle	Equilateral Triangle	Square Triangle

Question 62

Correct ☆

Incorrect

Group

Turned-In x

The number of pirates in the fleet is 3 times the sum of 6 and 7.

Put a ✓ beside the expression that can be used to find the number of pirates in the fleets. **Then**, tell the total number of pirates in the fleet.

		Total Number of Pirates
	3 × (6 + 7)	_______
	3 × 7 + 6	
	(7 x 6) + 3	
	6 × 3 + 7	

Question 63

Correct ☆

Incorrect

Group

Turned-In x

The crew members had a contest to see who could climb the top of the mast and down again 9 times the fastest.

A pirate would ring a bell each time they came back down.

Assuming someone could go up and down at the same rate each time, how many times could a pirate ring a bell in 45 minutes?

______ times

Question 64

Correct ☆

Incorrect

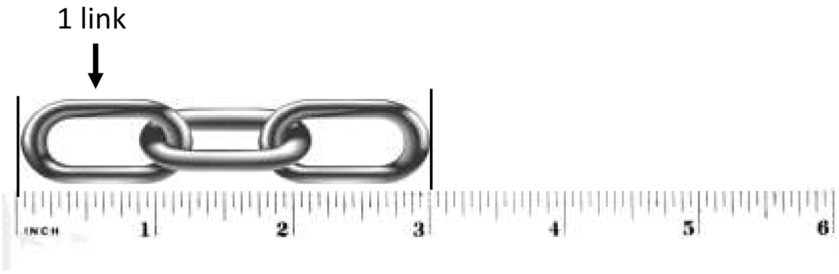
Group

Turned-In x

Look at the three links in the ship's anchor chain below. The entire anchor chain was 8 yards.

How many links in all were there in the anchor chain?

_______ links



Question 65 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Circle the number below that is equal to 1,000.

10^2	10^5	10^1	10^3	10^4

Question 66 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Fill in the blanks below.

2,200 centimeters = __________ meters

___________ millimeters = 5 meters

_______________ meters = 3 kilometers

Question 67 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Captain Pitbull sailed 6 miles each day for 3 days. How many yards did he sail in all in over those 3 days?

___________ yards

Question 68 | Correct ☆ | Incorrect | Group | Turned-In ⓧ

Find the value of ***y*** in the math sentence below.

$$28 + y - 10 = y \times 4$$

y = _______

Question 69

Correct ☆

Incorrect

Group

Turned-In ⓧ

Write each number in expanded form.	
882,317	
326,257	
742,127	

Question 70

Correct ☆

Incorrect

Group

Turned-In ⓧ

Write each number in standard form.	
900,000 + 30,000 + 3,000 + 100 + 2 + 60	
400,000 + 40,000 + 8,000 + 400 + 5 + 60	
400,000 + 40,000 + 2,000 + 800 + 5 + 90	

Question 71

Correct ☆

Incorrect

Group

Turned-In ⓧ

Solve the equations below.				
32.81	x	10^2	=	
29.42	x	10^3	=	
38.74	x	10^4	=	

Question 72

Correct ☆

Incorrect

Group

Turned-In ⓧ

Write each number in expanded form.	
5.346	
.275	
4.028	

Question 73

Correct ☆

Incorrect

Group

Turned-In ⓧ

Fill in the blanks. Write each as a whole number or decimal.	
1571 ÷_____ = 1.571	
1440 ÷_____ = 14.4	
1757 ÷_____ = 175.7	

Question 74

Correct ☆

Incorrect

Group

Turned-In ⓧ

Fill in each blank below.
8 cm + 7 mm = ______ mm
4 cm + 8 mm + 3 mm = _______ cm and _______ mm
1.7 cm = _______ mm

Question 75

Correct ☆

Incorrect

Group

Turned-In ⓧ

Solve each problem below. Write your answers as a decimal.	
4 ÷ 1.1 =________	
1.6 ÷ 1.9 =________	
7 ÷ 1.4 =________	

Question 76

Correct ☆

Incorrect

Group

Turned-In ⓧ

Solve each problem. Use scratch paper to do your work. Write **only** your answers on this sheet.

$$19\overline{)\$18.54} \qquad 13\overline{)\$20.54}$$

$$20\overline{)\$19.54}$$

Question 77	Correct	Incorrect	Group	Turned-In
	☆	● ● ●		ⓧ

There were seven pirate ships lined up end-to-end. Altogether, they were 518 meters long.

How many centimeters was that?

________ centimeters

Question 78	Correct	Incorrect	Group	Turned-In
	☆	● ● ●		ⓧ

Captain Ham's treasure chest weighed 4.48 kilograms. Captain Pat’s treasure chest was 1.21 kilograms heavier then Captain Ham’s.

Use x to write an equation to show how to find the weight of Captain Pat’s treasure chest.

Question 79	Correct	Incorrect	Group	Turned-In
	☆	● ● ●		ⓧ

Captain Sloop had a cannon that weighed 12.17 kilograms. He wanted to put wheels on the cannon. After he did this, the cannon now weighed 46.18 kilograms.

He then wanted to calculate how much the wheels weighed. He used the equation a - b = c.

In this equation, what does the letter **b** represent?

"b" =

Question 80	Correct	Incorrect	Group	Turned-In
	☆	● ● ●		ⓧ

Pirate Slapjack is having a terrible time.

He's hiccupped 4 times every minute for the last 2 ½ hours. How many times has he hiccupped in all?

_________ times

Question 81

Correct ☆

Incorrect

Group

Turned-In ⓧ

Captain Flaming's cabin has a roof that is an equilateral triangle. The perimeter of the roof is 48 feet.

What is the length of one side of the cabin's roof?

______ feet

Question 82

Correct ☆

Incorrect

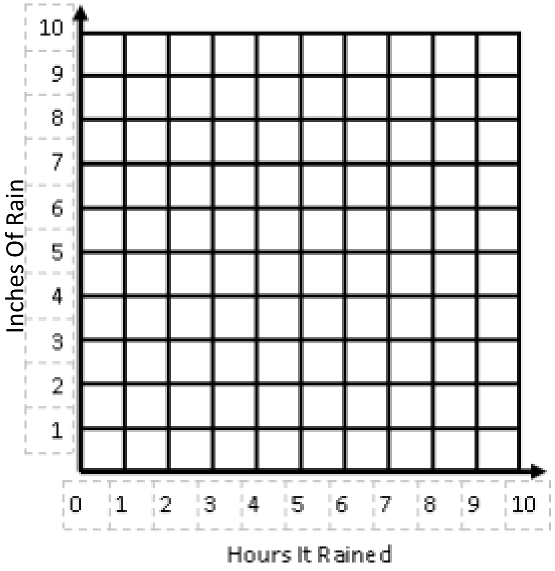
Group

Turned-In ⓧ

The table shows how much it rained one day. Create a graph showing the amount it rained. (Be sure to put in the points and connecting line.) **Then**, tell how much it rained in 7 hours.

____ Inches In 7 Hours

Hours	Inches
2	1
4	3
8	7



Question 83

Correct ☆

Incorrect

Group

Turned-In ⓧ

List the factors (from least to greatest) of each number.

16	
58	
37	
52	

Question 84

Correct ☆

Incorrect

Group

Turned-In ⓧ

Multiply

18 x 91 x 54 =	
93 x 32 x 72 =	
20 x 15 x 84 =	
36 x 93 x 44 =	

Question 85

Correct ☆

Incorrect

Group

Turned-In x

Multiply	
26.24 x 10 =	
29.3 x 10 =	
32.97 x 10,000 =	
25.57 x 10,000 =	

Question 86

Correct ☆

Incorrect

Group

Turned-In x

Multiply	
3.8 x 5 =	
2.6 x 6 =	
3.8 x 8 =	

Question 87

Correct ☆

Incorrect

Group

Turned-In x

Multiply	
3.4 x 8.6 =	
7.9 x 0.9 =	
8.5 x 2.5 =	

Question 88

Correct ☆

Incorrect

Group

Turned-In x

Divide	
1/2 ÷ 3 =	
1/3 ÷ 9 =	
1/8 ÷ 6 =	

Question 89

Correct ☆

Incorrect

Group

Turned-In ⓧ

Multiply	
9 x 3 x 4.49 =	
4 x 4 x 5.07 =	
3 x 7 x 5.76 =	

Question 90

Correct ☆

Incorrect

Group

Turned-In ⓧ

Captain Barnes had 20 coins.

1/5 of the coins were gold.

The rest were silver.

How many silver coins did he have?

______ coins were silver

Question 91

Correct ☆

Incorrect

Group

Turned-In ⓧ

1/2 of the hats of all of the pirates in the fleet were black.

There were 6 hats in all.

How many pirate hats in the fleet were black?

______ of the pirate hats were black

Question 92

Correct ☆

Incorrect

Group

Turned-In ⓧ

Fill in the blanks.	
558 ÷ __________ = 18	
760 ÷ __________ = 20	
588 ÷ __________ = 21	

Question 93	Correct	Incorrect	Group	Turned-In
	☆	○ ○ ○		ⓧ

Captain Ham's treasure chest weighed 4.75 kilograms. Captain Pat’s treasure chest was 2.64 kilograms heavier then Captain Ham’s.
To find the total weight of the 2 treasure chests,
(4.75 x a) + b = c
Tell the value of each.