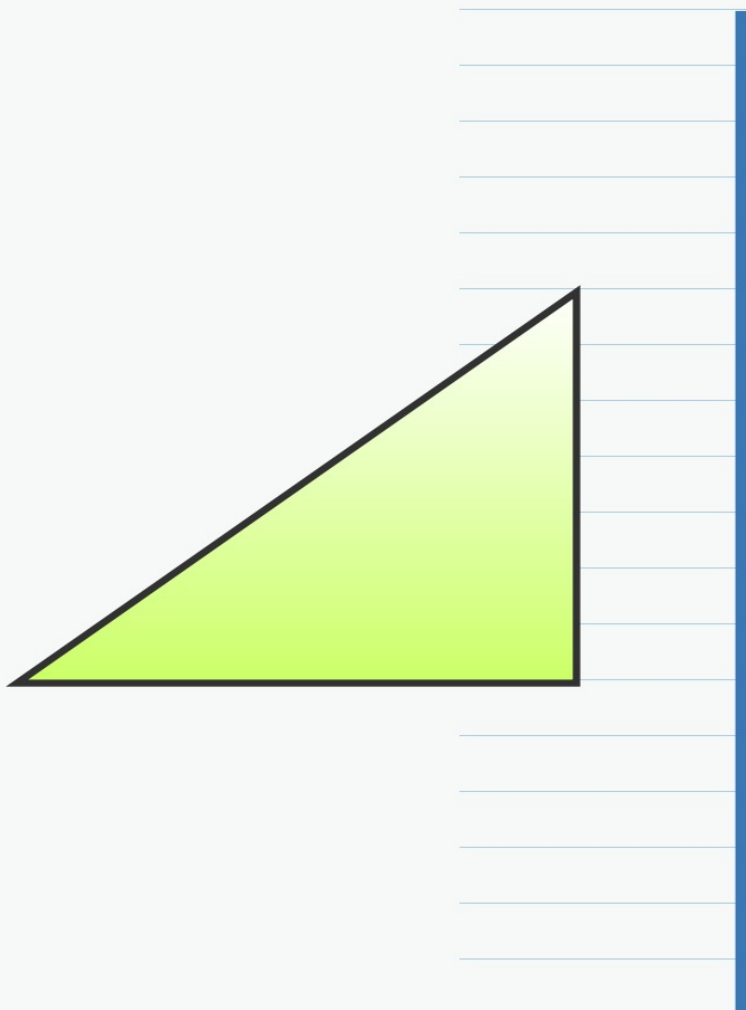


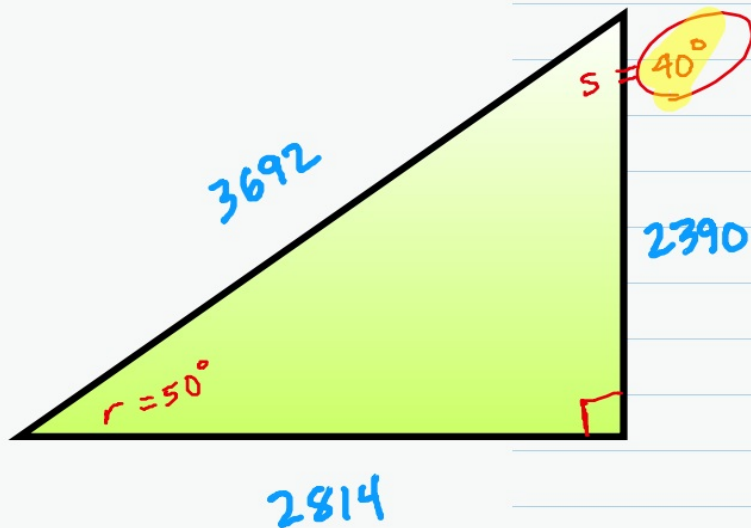
Pythagorean Theorem and Trigonometry

Objective: Solve real-world problems using the Pythagorean Theorem and trigonometry.



Pythagorean Theorem and Trigonometry

Objective: Solve real-world problems using the Pythagorean Theorem and trigonometry.



UPPER ELEVATION : 9610 ft

LOWER ELEVATION: $\frac{7220 \text{ ft}}{2390 \text{ ft}}$

$$2390^2 + x^2 = 3692^2$$

$$5712100 + x^2 = 13630864$$

$$x^2 = 7918764$$

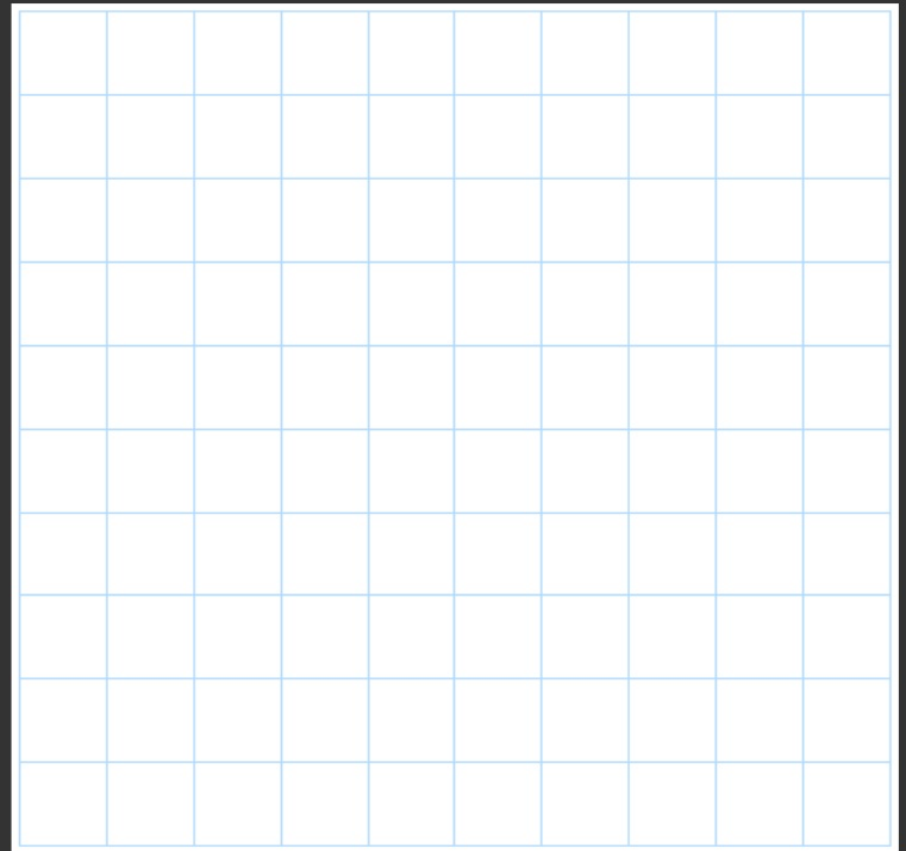
$$x \approx 2814$$

$$\cos r = \frac{2814}{3692} \Rightarrow 50^\circ$$

$$S = 180 - 140 = 40^\circ$$

Exploring Area

Derive and apply formulas for areas of parallelograms, triangles, and trapezoids from the area of a rectangle.

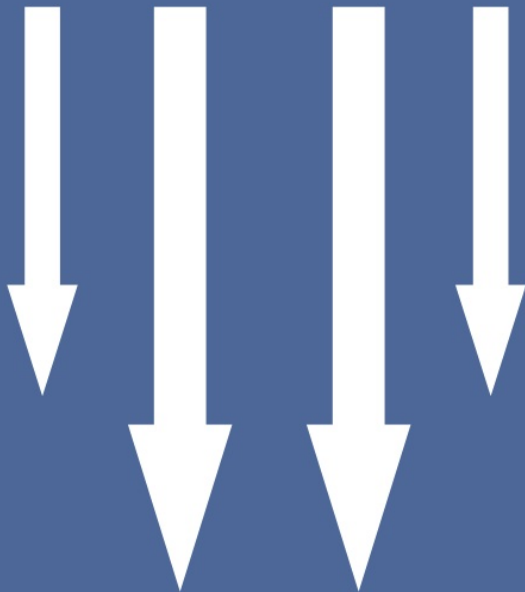


abcdefghijklmnopqrstuvwxyz





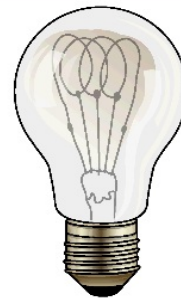
What Am I?



Pull down



Electrical
Energy





Schematic Diagram Symbols



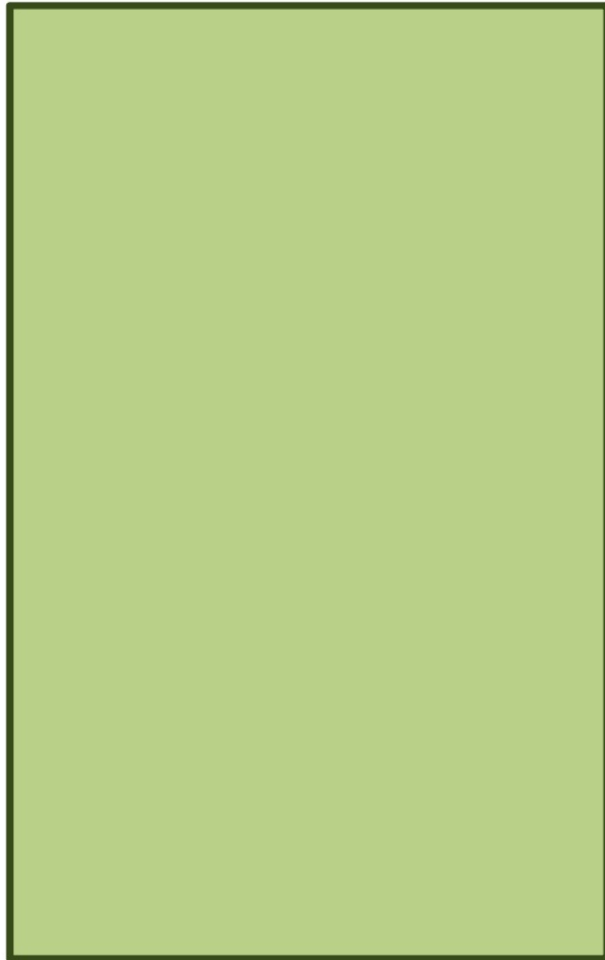
Circuit Part	Symbol
Battery	
Bulb	
Open Switch	
Closed Switch	
Buzzer	
Wire	



Types of Angles

Benchmark: Identify right angles.

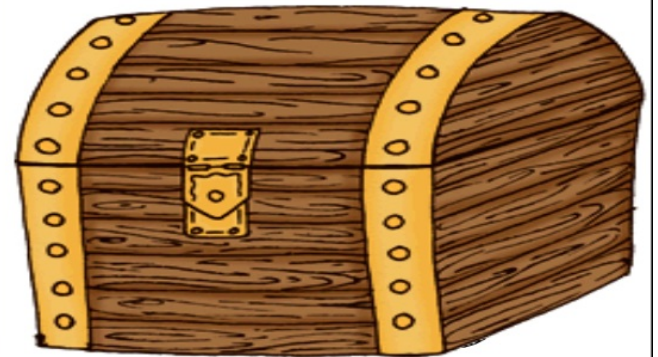
Right Angles



Not Right Angles

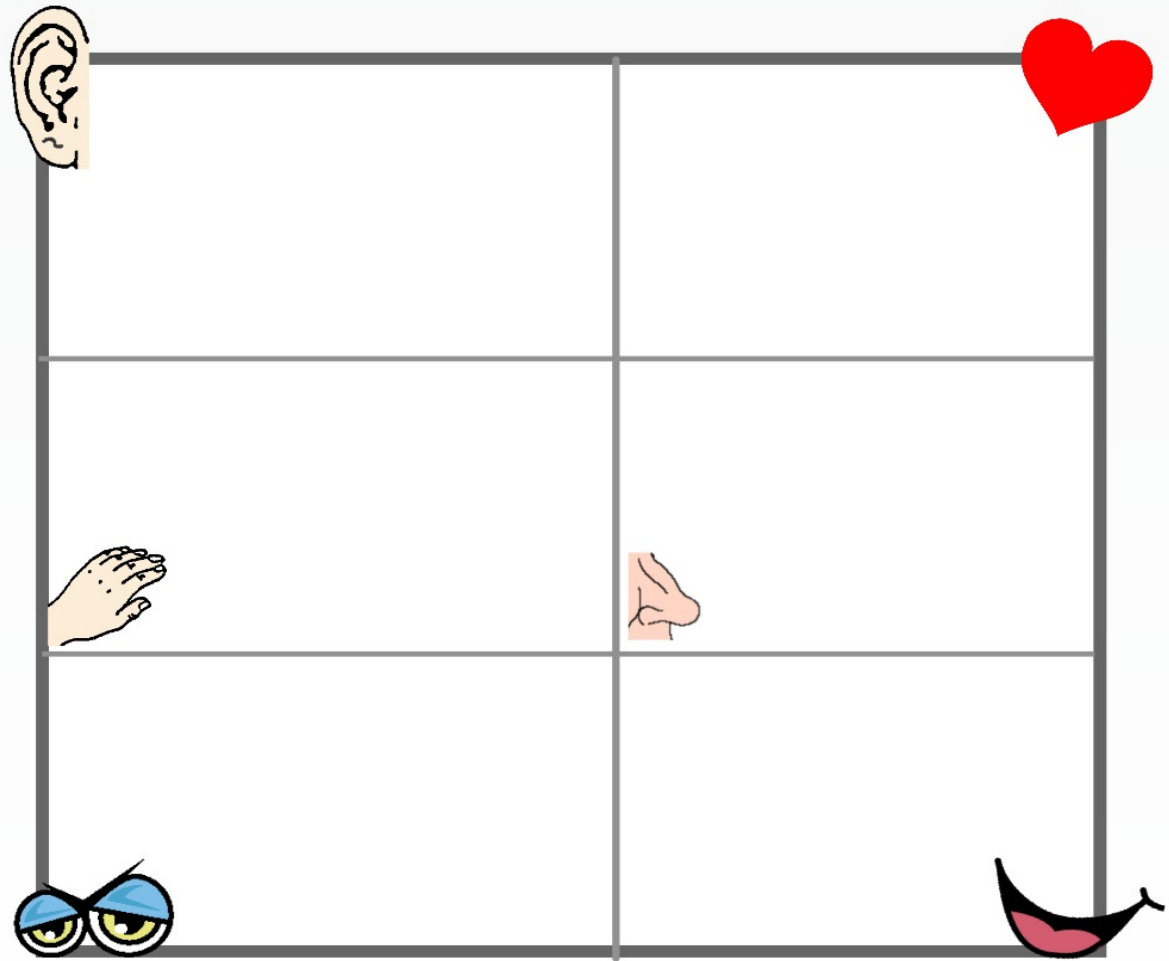


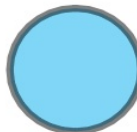
- A** Right angle
- B** Not a right angle



Tell me what you think...

Objective: Employ sensory details in your writing to describe various aspects of your experience.





1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Statue of Liberty

The Statue of Liberty is located in New York. The Statue of Liberty symbolizes freedom throughout the world. The Statue was actually a gift from the people of France.

The Statue represents a woman escaping the chains of tyranny. She holds a torch, which represents liberty. The Statue's full name is Liberty Enlightening the World.

Meaning of Symbol

Magic Multiplication

Objective: Create a one operation function table.

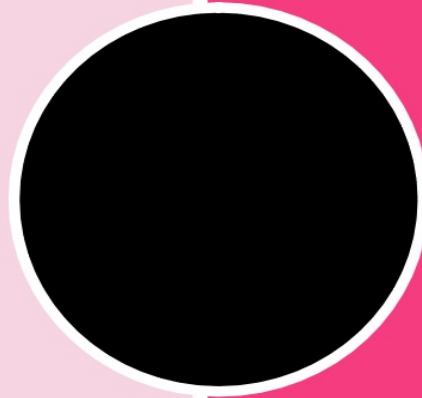
4

8

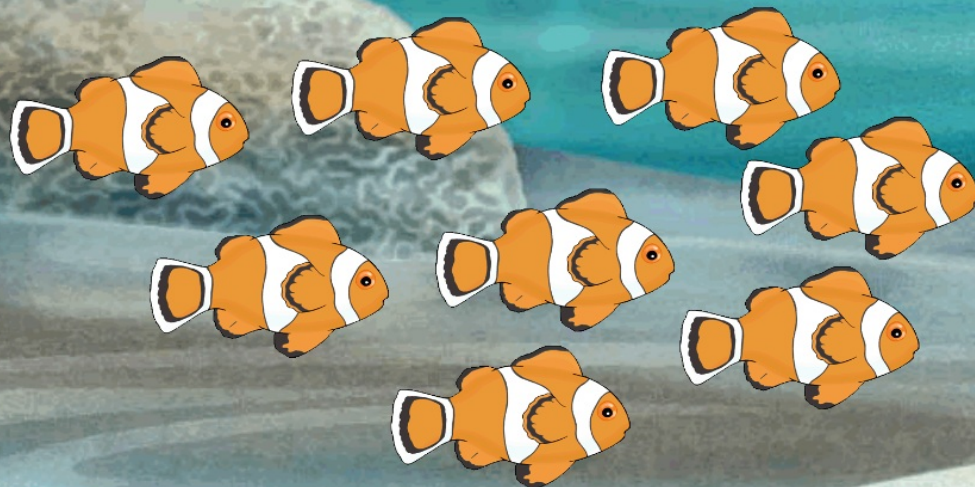
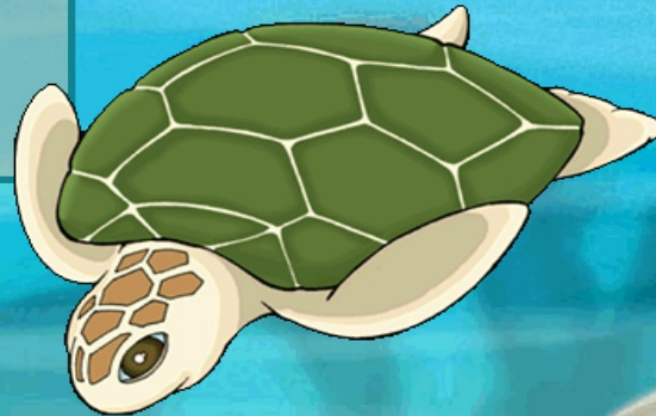
1

5

0



8 clownfish were swimming in the ocean when Crush showed up and scared 3 away. How many clownfish are left?



Write your equation here.



Connection



New
Information



Interesting



Surprising



I'm Wondering



Background
Knowledge



Question

Turtle Travels

Out From the Sand

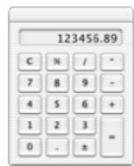
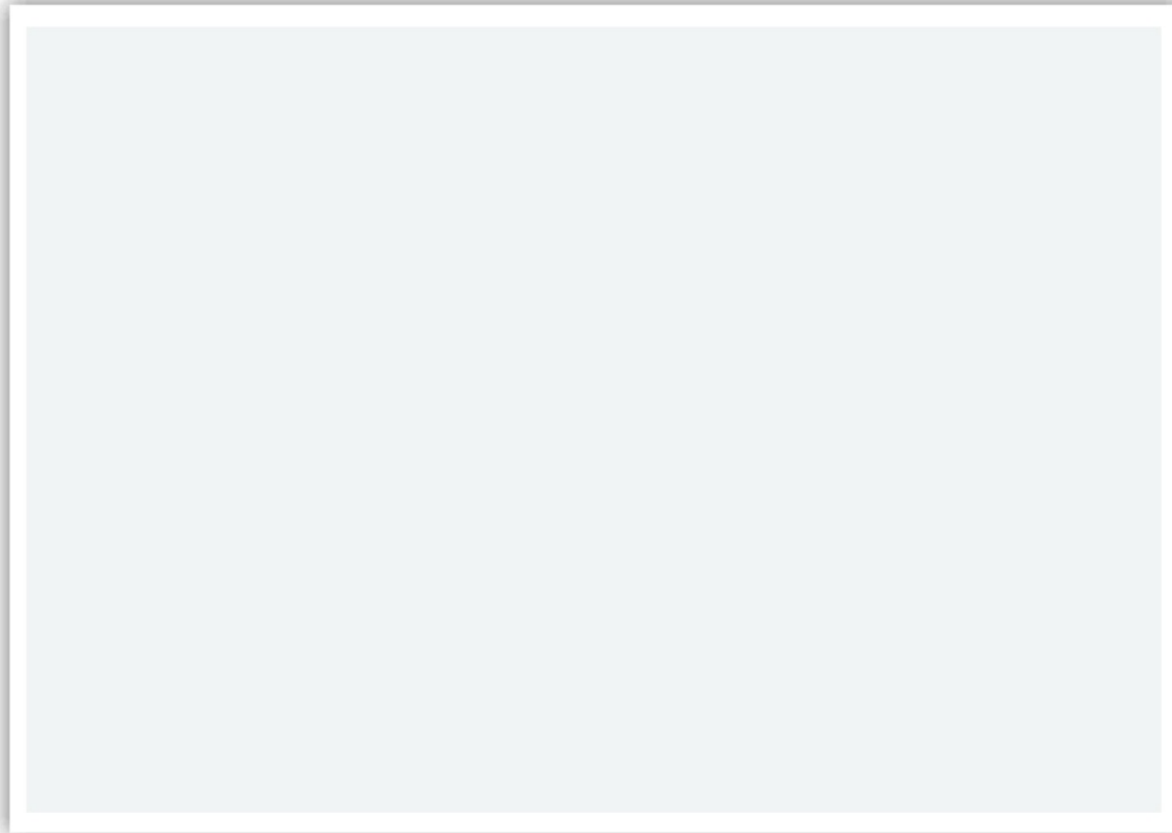
It's a starry night in August. A clutch of eggs lies hidden more than two feet below a sandy beach. The nest holds more than 100 eggs. Each egg is about the size of a golf ball. Inside each one, there may be a baby green sea turtle.

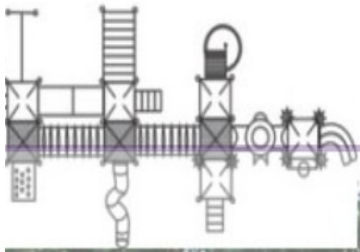
Draw a correct picture of the shape.

Objective: Analyze properties and determine attributes of two- and three-dimensional objects.

Sphere	Cone	Cube
Pyramid	Cylinder	Rectangular Prism

Hand Pollinator Cost







Who does this kind of work?



Artisan



Technician



Engineer



