

TRAIL POST 3



GONE FISHING! Be sure you have your fishing mat and all items you can use you can use as fish!

The campers went fishing at Polygon Pond but they don't remember what they caught. Find out how many fish ended up in their bucket by using the workmat and fish to help you solve the problems.

Camper: Noseums Bar Graph

"Today was a bad day to be a fish! I remember that I caught 5 sunfish and that there were 2 more bluegill than there were sunfish. I had twice as many bass as I did sunfish, but I can't remember how many total fish were in my bucket."

Equation: _____



Camper: Cooler Centimeter

"Well, I know I caught 12 bluegill. There were also twice as many bluegill as there were bass and there were half as many sunfish as there were bass. I can't remember how many there were total, but I think I caught more than Porcupine did."

Equation: _____



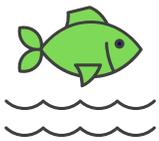
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Camper: Porcupine Sphere

"They just weren't biting where I was. I only caught 15 fish all together. There were equal numbers of sunfish and bluegill. There were three times as many bass as sunfish. How many of each fish did I catch?"

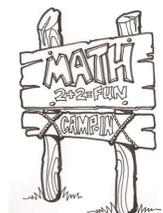
Equation: _____



CHALLENGE: There are 35 fish. $\frac{3}{5}$ of the fish are sunfish. $\frac{1}{7}$ of the fish are bluegill. There are 7 more bass than trout.

How many fish are there of each kind?

Represent the fraction of fish on a number line diagram.



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Fish work mat

Bluegill

Trout

Sunfish

Bass

