Name: _____

# Puck Precision

**GRADES 3-5**

## Elaborate

Take ten forehand shots from each of the shooting spots. Record your makes and misses below.

| Distance of Shot = 8 ft | Shot 1 | Shot 2 | Shot 3 | Shot 4 | Shot 5 | Shot 6 | Shot 7 | Shot 8 | Shot 9 | Shot 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Person 1** | | | | | | | | | | |
| **Person 2** | | | | | | | | | | |
| **Person 3** | | | | | | | | | | |
| **Person 4** | | | | | | | | | | |

Calculate each person's probability of scoring a goal and write it as a fraction and decimal.

Person 1

Person 2

Person 3

Person 4

Name: _____

# Puck Precision

**GRADES 3-5**

## Evaluate

Use each person's probability from *Elaborate* to predict how many goals you would expect them to make based on the following number of shot attempts.

| | 20 Shot Attempts | 50 Shot Attempts | 100 Shot Attempts |
|---|---|---|---|
| **Person 1** | | | |
| **Person 2** | | | |
| **Person 3** | | | |
| **Person 4** | | | |

Represent each person's probability of scoring on a scale of 0 to 1.

```
←|————————|————————|→        ←|————————|————————|→
  0                  1            0                  1

←|————————|————————|→        ←|————————|————————|→
  0                  1            0                  1
```