22.3 I can find the areas of circles, regular polygons, and composite shapes.

NAME____________________________________

Find the area of each regular polygon. Round to the nearest tenth.

1.

```
8 m
```

3.

```
6 ft
```

4.

```
15 in.
```

Find the area of each figure. Round to the nearest tenth if necessary.

5.

```
5 m
12 m
20 m
```

6.

```
3 ft
7 ft
```

7.

```
8 in.
```

8.

```
15 cm
30 cm
```
Find the area of each figure. Round to the nearest tenth if necessary.

3. \[ \text{20 mm} \]

4. \[ \text{38 ft} \] \[ \text{22 ft} \] \[ \text{22 ft} \]

5. \[ \text{9 m} \] \[ \text{7 m} \] \[ \text{23 m} \]

6. \[ \text{13 in.} \] \[ \text{13 in.} \] \[ \text{30 in.} \]

7. **LANDSCAPING** One of the displays at a botanical garden is a koi pond with a walkway around it. The figure shows the dimensions of the pond and the walkway.

\[ \text{15 ft} \] \[ \text{33 ft} \] \[ \text{20 in.} \] \[ \text{7 ft} \]

- **a.** Find the area of the pond to the nearest tenth.

- **b.** Find the area of the walkway to the nearest tenth.