

## Lesson 5

### Problem Set

- 10, 10, 30; models shaded appropriately; 0.30
  - 10, 10, 5; models shaded appropriately; 0.5
- 3, 7;  $\frac{37}{100}$ ; 0.37; model shaded appropriately
  - 7, 5;  $\frac{75}{100}$ ; 0.75; model shaded appropriately
- 10 disks circled; 12, 1, 2; number bond showing  $\frac{1}{10}$  and  $\frac{2}{100}$  is 0.12
  - 2 groups of 10 disks circled; 27, 2, 7; number bond showing  $\frac{2}{10}$  and  $\frac{7}{100}$  is 0.27
- 03; 3; 3 (0.01) disks drawn
  - 15; 1, 5; 1 (0.1) disk and 5 (0.01) disks drawn
  - $\frac{72}{100}$ ; 72; 7 (0.1) disks and 2 (0.01) disks drawn
  - $\frac{8}{10}$ ; 8; 8 (0.1) disks drawn
  - $\frac{72}{100}$ ; 72; 7 (0.1) disks and 2 (0.01) disks drawn
  - $\frac{80}{100}$ ; 80; 8 (0.1) disks drawn

### Exit Ticket

- 07; 7; 7 (0.01) disks drawn
- 34; 3, 4; 3 (0.1) disks and 4 (0.01) disks drawn

**Homework**

1. a. 10, 10, 40; model shaded appropriately; 0.4 or 0.40  
b. 10, 10, 6; model shaded appropriately; 0.6
2. a. 3, 6; 0.36;  $\frac{36}{100}$ ; model shaded appropriately  
b. 8, 2; 0.82;  $\frac{82}{100}$ ; model shaded appropriately
3. a. 1 group of 10 disks circled; 14, 1, 4; number bond showing  $\frac{1}{10}$  and  $\frac{4}{100}$  is 0.14  
b. 2 groups of 10 disks circled; 24, 2, 4; number bond showing  $\frac{2}{10}$  and  $\frac{4}{100}$  is 0.24
4. a. 04; 4; 4 (0.01) disks drawn  
b. 13; 1, 3; 1 (0.1) disk and 3 (0.01) disks drawn  
c.  $\frac{41}{100}$ ; 41; 4 (0.1) disks and 1 (0.01) disk drawn  
d.  $\frac{9}{10}$ ; 9; 9 (0.1) disks drawn  
e.  $\frac{63}{100}$ ; 63; 6 (0.1) disks and 3 (0.01) disks drawn  
f.  $\frac{90}{100}$ ; 90; 9 (0.1) disks drawn