

## Varied Fluency Lengths and Angles in Shapes

### Developing

- 1a.  $A = 2\text{cm}$ ;  $B = 4\text{cm}$ ;  $C = 6\text{cm}$   
2a.  $A = 90^\circ$ ;  $B = 135^\circ$   
3a. False, side A is 8cm  
4a. 1 – B; 2 – A; 3 – D; 4 – C

### Expected

- 5a.  $A = 40\text{cm}$ ;  $B = 24\text{cm}$ ;  $C = 24\text{cm}$ ;  
 $D = 16\text{cm}$   
6a.  $A = 90^\circ$ ;  $B = 45^\circ$ ;  $C = 135^\circ$   
7a. False, angle A and B total  $135^\circ$   
8a. 1 – D; 2 – B; 3 – A; 4 – C

### Greater Depth

- 9a.  $A = 18\text{cm}$ ;  $B = 18\text{cm}$ ;  $C = 9\text{cm}$ ;  
10a.  $A = 90^\circ$ ;  $B = 45^\circ$ ;  $C = 45^\circ$ ;  $D = 90^\circ$ ;  $E = 135^\circ$   
11a. False, side A is 7.5cm  
12a. 1 – E; 2 – A; 3 – B; 4 – D; 5 – C

## Varied Fluency Lengths and Angles in Shapes

### Developing

- 1b.  $A = 6\text{cm}$ ;  $B = 9\text{cm}$ ;  $C = 6\text{cm}$   
2b.  $A = 270^\circ$ ;  $B = 90^\circ$   
3b. False, angle A is  $135^\circ$   
4a. 1 – B; 2 – A; 3 – D; 4 – C

### Expected

- 5b.  $A = 18\text{cm}$ ;  $B = 12\text{cm}$ ;  $C = 6\text{cm}$ ;  
 $D = 30\text{cm}$   
6b.  $A = 90^\circ$ ;  $B = 135^\circ$ ;  $C = 45^\circ$   
7b. False, side A is 20cm  
8b. 1 – A; 2 – C; 3 – D; 4 – B

### Greater Depth

- 9b.  $A = 40\text{cm}$ ;  $B = 20\text{cm}$ ;  $C = 8\text{cm}$   
10b.  $A = 45^\circ$ ;  $B = 135^\circ$ ;  $C = 90^\circ$ ;  $D = 135^\circ$ ;  
 $E = 45^\circ$   
11b. False, angle A is  $34^\circ$   
12b. 1 – B; 2 – A; 3 – C; 4 – E; 5 – D