

10/6/20

PJ 406 - 407

Start 3:12 - 3:51

$$1 P = 150 \text{ units } 25+25+15+26+25+20 = 150$$

$$2 A = 1050 \text{ square units } (15 \cdot 20) + (30 \cdot 26) + (\frac{1}{2} \cdot 20 \cdot 15) = 1050$$

$$2 P = 49.7 \text{ units } \frac{1}{2}(25, 10) + 12+12+10 = 49.7$$

$$3 A = 159.3 \text{ sq units } (\frac{1}{2} \cdot 25) + \frac{1}{2}(25 \cdot 15) = 159.3$$

$$3 P = 72 \text{ units } 2+6+17+16+12+15 = 72$$

$$4 A = 168 \text{ sq units } (\frac{1}{2} \cdot 20 \cdot 3+12) + (\frac{1}{2} \cdot 20 \cdot 4+17) = 168$$

$$4 V = 185 \text{ cubic units } (4 \cdot 5 \cdot 12) + (5 \cdot 5 \cdot 12) = 185$$

$$5 V = 278 \text{ cubic units } (5 \cdot 7)(3) + (\frac{1}{2}(7^2))(8) = 278$$

$$6 V = 399 \text{ cubic units } (11 \cdot 11)(22) + (\pi(5^2)(22)) = 399$$

$$7 D. 360 \quad (8 \cdot 12 \cdot 3) + (3 \cdot 3 \cdot 2)(4) = 360$$

$$8 C. 134 \quad (\pi(3)^2)(8) + (\frac{1}{2}(3)(2)(4))(2) = 134$$

10/16/20

# Pg 408-409

Start 3:52 - 4:09

1 42 in  $(2 \cdot 16) + (2 \cdot 5) = 42$

2  $195 \text{ cm}^2$   $\frac{1}{2} \cdot 26 \cdot 15 = 195 \text{ cm}^2$

3  $43 + 3$   $3 \cdot 5^3 = 43 + 3$

4 15.8 cm  $1^2 + 9^2 = 250 \text{ cm}^2 \sqrt{250} \approx 15.8 \text{ cm}$

5 37.7 in  $\pi \cdot 12 = 37.7$

6  $3616 \text{ cm}^3$   $\frac{1}{2} \cdot \pi \cdot 12^2 \cdot 26 = 3616 \text{ cm}^3$

7 C, 526  $(32 \cdot 20) - (26 \cdot 12 \cdot \frac{1}{2}) = 526$

8 B, 35  $\pi \cdot 1.5^2 \cdot 5 = 35$

9 D, 5056  $(26 \cdot 12 \cdot 32) - (22 \cdot 8 \cdot 28) = 5056$

10 C, 608  $(32 \cdot 12) + (28 \cdot 8) = 608$