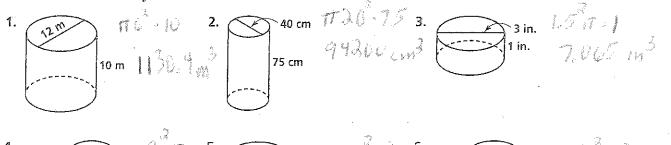
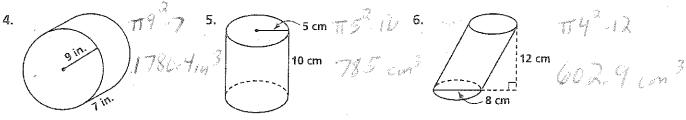
Date

## Practice 10-5

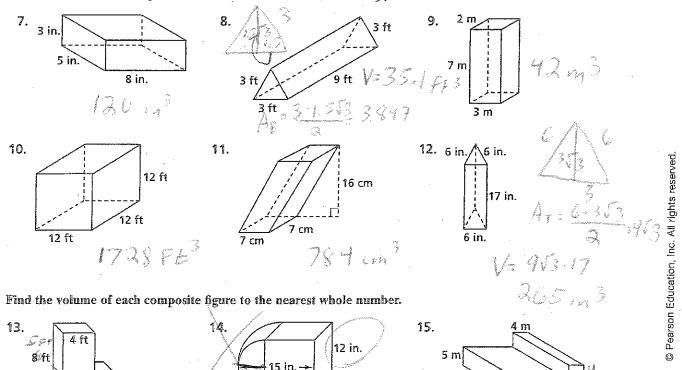
## Volumes of Prisms and Cylinders

Find the volume of each cylinder to the nearest tenth.





Find the volume of each prism to the nearest whole number. -3, 3, 3



6 in.

4.3.5 + 3.6.3 76.FE3 $6.12.11 + \pi 4^{2}.6$ 

11 in.

Geometry Chapter 10

15

16 m

4.4.12+16-12-5

192 + 960

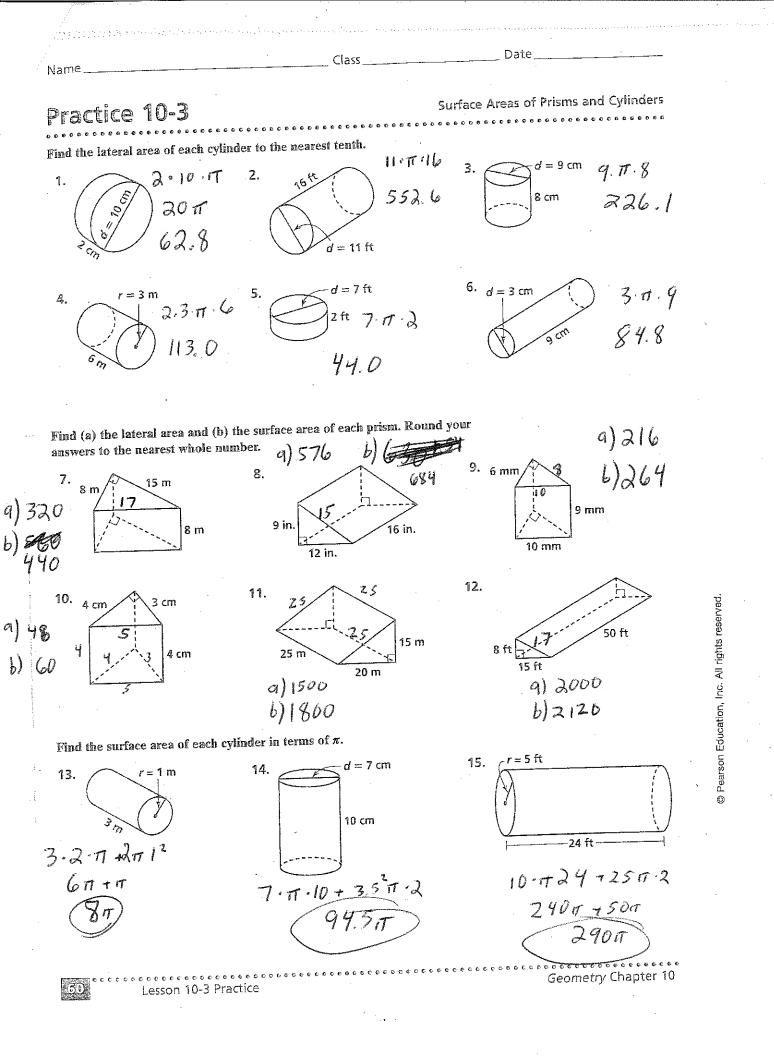
12 m

9 m

کی Lesson 10-5 Practice

2 ft

3 ft



Surface Area & Volume of Pyramids and Cones Find the surface area of each cone in terms of  $\pi$ . 5. 6.  $3^{2}+4^{2}=l^{2}$ Ξġ 15 in 3 on 4 cm J=+16=JR2 5=L 30 m 16 m -24 in. π12<sup>3</sup>+π12(13) 3 π.162+π(16)(34) Π(3+Π) 900-300T TI6+TY(5)=36T Pearson Educat Find the surface area of each regular pyramid to the nearest tenth. 10. 12. 5 am =21,84 12.26 12 21 ft 12 mSA = 144 5 cm 12.26 m 5 (12.21.84) SA:25 22+Z,53= 12 代 5 +415-9.34 =668.16 SA= ABASE\_ Laf A = 118 Find the volume of each pyramid. 4. 15. 16. V=400.36 3 =4800 yd<sup>3</sup> -150 m<sup>2</sup> ڪ. 400 yd<sup>2</sup> 36 yd -18 cm 8 cm  $V = 150 \text{ m}^3$  $V = \frac{8!18}{3} = 48 \text{ cm}^3$ Find the volume of each cone. Round your answers to the nearest tenth. 17. 8 19. 28 m 26 m -24 cm -12 in. 10 cm 10 in. 13 7.28 ed. 2511.24 1577, 3 m3 200 TCm3 1000 cm3