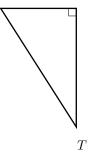
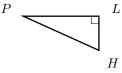
## 4.2 Pythagorean Theorem - CW

1. In  $\triangle TPK$  below, TP = 10 and PK = 16, what is the measure of TK to the nearest tenth. K

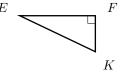
K



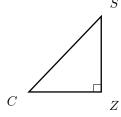
2. In  $\triangle HLP$  below, HL = 15 and LP = 7, what is the measure of HP to the nearest tenth.



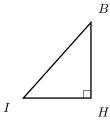
3. In  $\triangle KFE$  below, KF = 12 and FE = 6, what is the measure of KE to the nearest tenth.



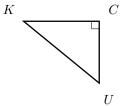
4. In  $\triangle CZS$  below, CZ = 9 and ZS = 9, what is the measure of CS to the nearest tenth.



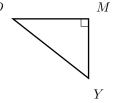
5. In  $\triangle IHB$  below, IH = 13 and HB = 12, what is the measure of IB to the nearest hundredth.



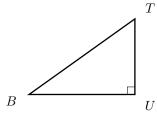
6. In  $\triangle UCK$  below, UC = 11 and CK = 9, what is the measure of UK to the nearest whole number.



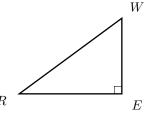
7. In  $\triangle YMD$  below, YM = 14 and YD = 158, what is the measure of MD to the nearest whole number.



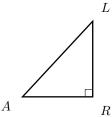
8. In  $\triangle BUT$  below, BU = 10 and BT = 148, what is the measure of UT to the nearest hundredth.



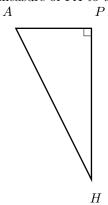
9. In  $\triangle REW$  below, RE = 14 and RW = 278, what is the measure of EW to the nearest thousandth.



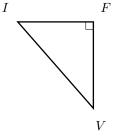
10. In  $\triangle ARL$  below, AR = 14 and AL = 182, what is the measure of RL to the nearest whole number.



11. In  $\triangle HPA$  below, HP = 1 and HA = 2, what is the measure of PA to the nearest thousandth.



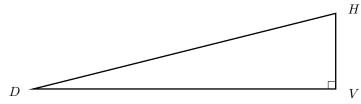
12. In  $\triangle VFI$  below, VF = 7 and VI = 56, what is the measure of FI to the nearest thousandth.



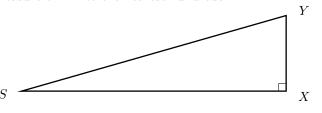
13. In  $\triangle GUP$  below, GU = 12 and UP = 8, what is the measure of GP to the nearest tenth.



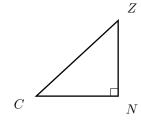
14. In  $\triangle DVH$  below, DV = 1 and DH = 8, what is the measure of VH to the nearest thousandth.



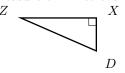
15. In  $\triangle SXY$  below, SX = 2 and SY = 26, what is the measure of XY to the nearest hundredth.



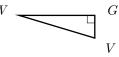
16. In  $\triangle CNZ$  below, CN = 12 and NZ = 13, what is the measure of CZ to the nearest whole number.



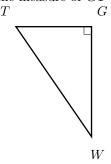
17. In  $\triangle DXZ$  below, DX = 13 and XZ = 6, what is the measure of DZ to the nearest thousandth.



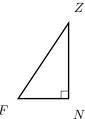
18. In  $\triangle VGW$  below, VG = 10 and GW = 3, what is the measure of VW to the nearest whole number.



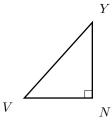
19. In  $\triangle WGT$  below, WG = 11 and WT = 188, what is the measure of GT to the nearest thousandth.



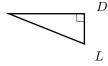
20. In  $\triangle FNZ$  below, FN = 6 and FZ = 26, what is the measure of NZ to the nearest whole number.



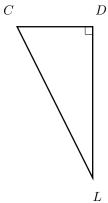
21. In  $\triangle VNY$  below, VN = 20 and VY = 362, what is the measure of NY to the nearest tenth.



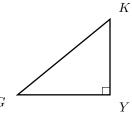
22. In  $\triangle LDV$  below, LD = 10 and DV = 4, what is the measure of LV to the nearest whole number.



23. In  $\triangle LDC$  below, LD = 8 and DC = 16, what is the measure of LC to the nearest whole number.



24. In  $\triangle GYK$  below, GY = 18 and GK = 404, what is the measure of YK to the nearest whole number.



Name: \_\_\_\_\_CLASS WORK

4.2 Pythagorean Theorem - CWAnswers

#:\_\_\_\_\_

- 1. TK = 19
- 2. HP = 17
- 3. KE = 14
- 4. CS = 13
- 5. IB = 18
- 6. UK = 14
- 7. MD = 11
- 8. UT = 14
- 9. EW = 19
- 10. RL = 13
- 11. PA = 2
- 12. FI = 8
- 13. GP = 15
- 14. VH = 4
- 15. XY = 7
- 16. CZ = 18
- 17. DZ = 15
- 18. VW = 10
- 19. GT = 16
- 20. NZ = 4
- 21. NY = 18
- 22. LV = 1123. LC = 18
- 24. YK = 22