Name: _____

Date: _____ Grade: _____

Character and Skills for Home and Careers

CHAPTER 2 TEST

Congratulations on completing this chapter! ***Answer the following questions to test your understanding of the material. When you finish, hand in your test to your teacher for a final grade. Each answer is worth 2.3 points.***

1. _____ means extending in the same direction, always equidistant, never meeting.
2. The Pythagorean Theorem, _____, is frequently used in construction work as the 6-8-10 method.
3. If a right triangle is 9 feet on one leg and 12 feet on the other leg, the hypotenuse will be _____ feet.
4. A right angle has _____ degrees.
   (a) 120 (b) 15 (c) 360 (d) 90
5. A _____is often an older person who serves as a guidance counselor and good role model for a younger person.
6. Batter boards must all be _____ with each other.
7. If a wall is plumb, it is: _____.
   (a) made out of pipes
   (b) standing vertically straight
   (c) made from wood of the plumb tree
   (d) straight on the building line
8. A footer is made around the perimeter of the building in order to keep the building elevated above the ground and give an air space under the building._____
   (a) True or (b) False
9. The three main ingredients in concrete are aggregate, water and_____.
10. Aggregate in cement is usually composed of: _____.
    (a) clean distilled water (c) sand and rock
    (b) portland cement (d) anything to fill out the mixture
11. Freshly poured concrete is leveled by means of a _____.
12. A device used on wet concrete to move the aggregate down in the mixture and move the sand to the top is a: _____.
    (a) screed board (c) bull float
    (b) jitterbug (d) finishing trowel

13. The actual width and depth of a 2" x 4" is _____ inches.

14. A wall framed with studs on 16 inch centers indicates: _____.
    (a) the studs will be 16 inches apart
    (b) the walls are 16 inches apart
    (c) the wall are 16 inches tall
    (d) the studs are 16 inches from the center of one stud to the center of the next

15. The reason pressure treated lumber should be used against concrete is: _____
    _____.
    (a) pressure treated lumber is harder that other types of lumber
    (b) its resistance to moisture, termites and decay
    (c) its ability to float if there is high water
    (d) because it is pressure treated, it will expand and seal the bottom of the shed

16. A rafter would typically be found in the _____section of a building.
    (a) floor (b) wall (c) roof (d) basement

17. Siding is used to cover: _____.
    (a) the floor (c) the exterior walls
    (b) the roof (d) the interior walls

18. The width of a framed opening for a 36 inch wide door is: _____.
    (a) $36\frac{1}{2}$ inches (b) 37 inches (c) 38 inches (d) 39 inches

19. A _____ is used to check walls for being plumb.

20. The purpose of roofing felt is to: _____.
    (a) drape over the building while it is being constructed
    (b) protect the decking from moisture
    (c) provide a lasting covering for the shed
    (d) beautify the entire project

21. To categorize means to: _____.
    (a) organize information about cats
    (b) classify things according to a certain system
    (c) line up every item in a straight line
    (d) make sure all categories are within organizational guidelines

22. Composition shingles are made of: _____.
    (a) water, tar and sand (c) asphalt, fiberglass and rock granules
    (b) tar, fiberglass and sand (d) cement, asphalt and gravel

23. A bundle of shingles covers _____square feet.

24. The threshold of a door is: _____.
    (a) the outside edge of a door
    (b) the frame into which a door fits
    (c) a wood or metal plate across the top of the door frame
    (d) a wood or metal plate across the floor at the bottom of the door

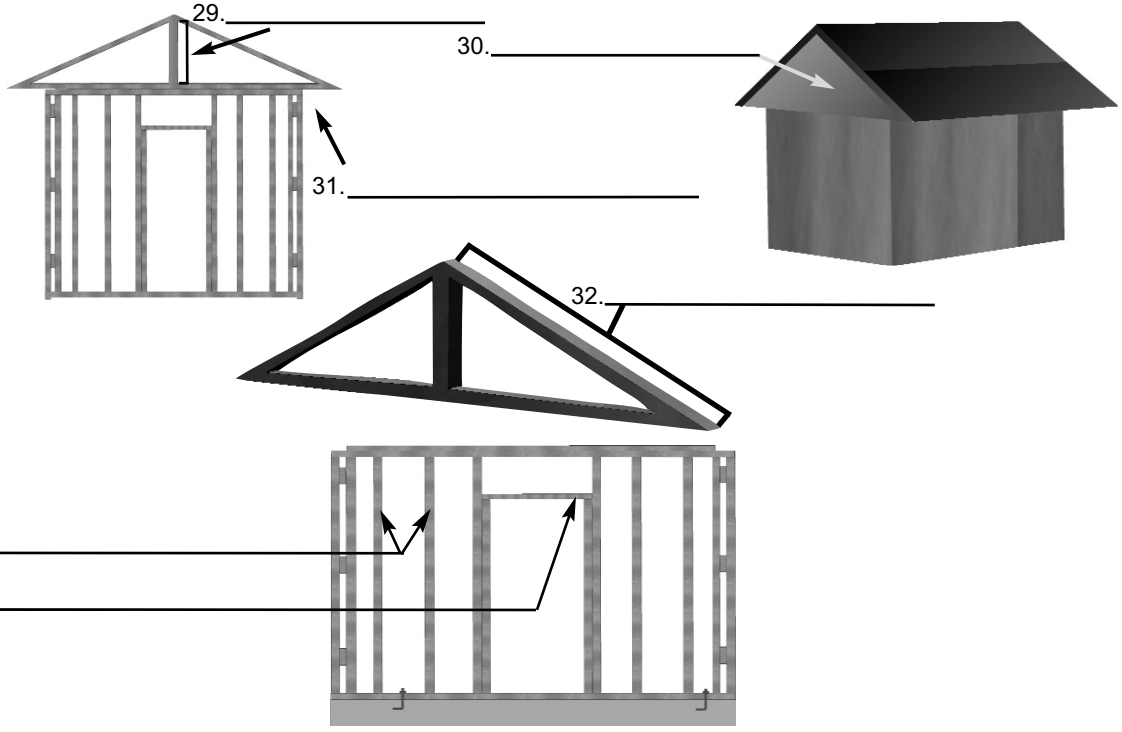
25. Plywood measurements such as ½ or ¾ inch refers to the _____ of the plywood.
    (a) length (b) width (c) weight (d) thickness

26. Another name for gypsum board is: _____.
    (a) Masonite (c) Sheetrock
    (b) terrazzo board (d) chip board

27. _____ is used to control weeds and hold moisture around plants.

28. _____ are imbedded in concrete to give it added strength.

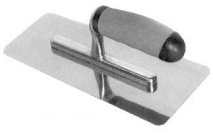
Label the following:



33. _____
34. _____

35. _____ 36. _____ 37. _____







38. _____ 39. _____





Choose the best meaning for each Life Principle and write the letter of the response on the blank.

40. *"No plan is worth the paper it is written on unless it starts you doing something."*_____
    (a) Plan paper is almost worthless.
    (b) Plans written on paper are a waste of time.
    (c) Only plans that cause action are worthwhile.
    (d) Writing a plan on paper will start you doing something.

41. *"The best preparation for tomorrow is to do today's work extremely well."*_____
    (a) Preparation for tomorrow is impossible.
    (b) Tomorrow's accomplishments depend on what you do today.
    (c) Today and tomorrow are extreme days.
    (d) Preparation makes no difference in the outcome.

42. *"Success is a journey, not a destination."*_____
    (a) To arrive at the destination, you must journey.
    (b) Success is not a good trip because it has no destination.
    (c) Real success is consistent movement toward your goals.
    (d) The destination of success is a journey.

43. *"Leadership is action, not position."*_____
    (a) To be a good leader you, you must be a good actor.
    (b) If you are in action, you are a leader.
    (c) Any action is good if you are the leader.
    (d) Leadership is not appointed, it is earned.

44. *"To love what you do and feel that it matters, how can anything be more fun."*_____
    (a) It is great fun to love your work.
    (b) If it matters, you should love it.
    (c) It matters if you have fun.
    (d) All that matters in life is love and fun.