PERCENTS WORD PROBLEMS

Directions: Solve each word problem. Round your answer to the nearest percent when applicable.

1.) There are 28 players on the Hudson Valley Basketball Team and 21 of them are 7th graders. What percent of the basketball team are 7th graders?

2.) In a sack filled with 30 practice basketballs, 12 of them are blue and 18 of them are red. What percentage of practice basketballs are blue?

3.) The basketball team spent 25 minutes practicing offense, 40 minutes practicing defense, and 15 minutes stretching. What percentage of time did they spend practicing defense?

4.) Yanni scored 60% of the team’s points in their last game. If the teams scored a total of 75 points, how many points did Yanni score?

5.) The basketball team has lost 9 of the 31 games that they have played. What percentage of their games did they win?

6.) For every three-point shot that Tyler took this season, he was successful 80% of the time. If Tyler successfully made 32 three-point shots, how many shots did he attempt?
ANSWER KEY

1.) 75% of players are 7th graders
2.) 40% are blue basketballs
3.) They spent 50% of their time practicing defense.
4.) Yanni scored 45 points
5.) They won 71% of their games.
6.) He attempted 40 three-point shots.