Q1: Complete the following table:

| S\# | Shapes | No. of Vertices | No. of edges | No. of faces |
| :--- | :--- | :--- | :--- | :--- |
| a. | Sphere |  |  |  |
| b. | Cone |  |  |  |
| c. | Cube |  |  |  |
| d. | Cuboid |  |  |  |
| e. | Cylinder |  |  |  |
| f. | Tetrahedron |  |  |  |
| g. | Square-based Pyramid |  |  |  |
| h. | Triangular prism |  |  |  |
| i. | Pentagonal prism |  |  |  |
| j. | Hexagonal prism |  |  |  |
| K | hemisphere |  |  |  |

Q2: Change each of the following improper fractions to mixed numbers show your working:
a. $\frac{5}{4}$
b. $\frac{9}{7}$
c. $\frac{13}{4}$
d. $\frac{12}{5}$
e. $\frac{14}{8}$

Q3: Change each of the following mixed numbers to improper fractions. Show your working:
a. $2 \frac{3}{4}=$
b. $3 \frac{1}{2}$
c. $2 \frac{4}{5}$
d. $1 \frac{1}{2}$
e. $5 \frac{5}{6}$

Q4: Express each of the following as a percentage:
a. 5 out of $100=$ $\qquad$ \%
d. 84 out of $100=$ $\qquad$ \%
b. 22 out of $100=$ $\qquad$ \%
e. 73 out of $100=$ $\qquad$ \%
c. 67 out of $\mathbf{1 0 0}=$ $\qquad$ \%
f. 99 out of $\mathbf{1 0 0}=$ $\qquad$ \%

Q5: each square is divided into 100 equal parts. Shade each square to show the given percentage:
a. $19 \%$
b. $25 \%$
c. $77 \%$

Q6: Convert these fractions into percentages:
a. $\frac{1}{2}=$ $\qquad$ \%
C. $\frac{7}{10}=$ $\qquad$ \%
b. $\frac{23}{50}=$ $\qquad$ \%
d. $\frac{5}{10}=$ $\qquad$ \%

Q7: Convert these percentages into fractions in their simplest forms:
a. $7 \%=$
c. $50 \%=$ $\qquad$
b. $29 \%=$ $\qquad$ d. $36 \%=$ $\qquad$

Q8: a. What date and day is on Quaid-e-Azam's birthday: $\qquad$
b. How many Thursday are in this month? $\qquad$ December 2014
c. What date is your math exam? $\qquad$
d. What date your winter break will start? $\qquad$
e. How many days are in December? $\qquad$
f. What day did November finish on ? $\qquad$
g. What day will it be on $1^{\text {st }}$ Jan, 2015? $\qquad$

h. What will the date be 6 days after he $2^{\text {nd }}$ of December? $\qquad$
Q9: Write each time ( 12 hours clock) using am or pm:
a. Half past six in the evening . $\qquad$ c. Quarter past midnight.
b. Six minutes to eight in the morning. $\qquad$ d. Three o'clock in the
$\qquad$ afternoon. $\qquad$
Q10: Write each time using 24 - hour clock :
a. 10 mans past eight pm. $\qquad$ c. Nine- fifty - three pm $\qquad$
b. Three- fifteen am. $\qquad$ d. Quarter to seven am $\qquad$ Q11:

Colour the spaces with proper fractions 'Blue' and the spaces with improper fractions 'Red'.


