

Exercise 2015-8EF-00006(2)

NO CALCULATOR MAY BE USED IN THIS EXERCISE!

(1) Write the additive inverse of each of the following:

(a) 0,8

(b) -44

(c) $1\frac{1}{2}$

(2) Calculate the value of the following if $A = \frac{3}{5}$; $B = -0,7$ and $C = 0,125$:

(a) A^2C

(b) $B - C$

(c) $\sqrt[3]{C}$

(3) There are four balls in a bag. On each ball a number is written:

Red $\rightarrow \frac{7}{6}$

Blue $\rightarrow \frac{5}{8}$

Green $\rightarrow \frac{1}{2}$

White $\rightarrow \frac{7}{16}$

(a) Which ball has the lowest value?

(b) Calculate the sum of the values on the blue and the white balls.

(c) Which ball is not a proper fraction?

(4) Use a $\checkmark$ to indicate the applicable column(s) for each number:

		N	N_0	Z	Q	$\mathbb{R}$			N	N_0	Z	Q	$\mathbb{R}$
(a)	3,412 ...							(d)	-6				
(b)	113							(e)	$(-2)^2$				
(c)	$\frac{3}{7}$							(f)	$\sqrt{81}$				

(5) Calculate: $\frac{\frac{3}{4} + \frac{3}{6}}{1\frac{1}{8} - 2\frac{1}{4}}$