ICHTHUS SCHOOL (SOUTH)
Grade 4 Mathematics Extra Practice
**Fractions**

Name: _____   Grade: _____   Date: _____

Check (✔) the correct model.

1. Which model shows $1\frac{3}{4}$ shaded?
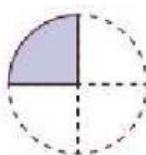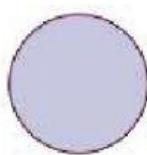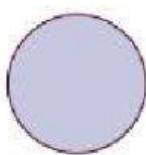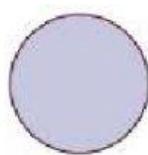
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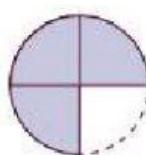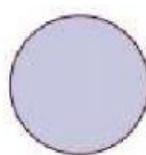
2. Which model shows $2\frac{3}{5}$ shaded?
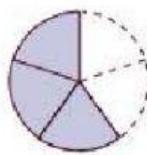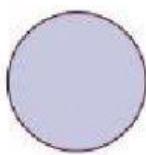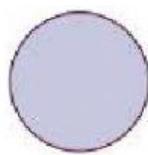
or
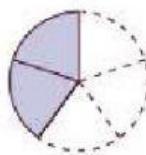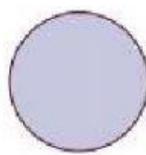
Write a mixed number and an improper fraction for each model.

Example
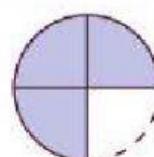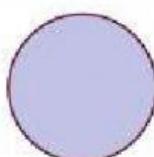
Mixed number: $1\frac{3}{4}$ Improper fraction: $\frac{7}{4}$

3.
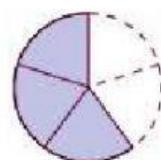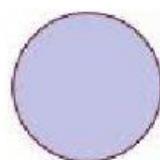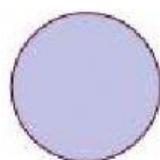
Mixed number: —   Improper fraction: —

4.

Mixed number: —   Improper fraction: —

Write each mixed number in simplest form.

Example

$$1\frac{2}{4} = \boxed{1\frac{1}{2}}$$

15.

$$2\frac{4}{6} = \boxed{}$$

5. $\quad 3\frac{4}{8} = \boxed{}$

6. $\quad 5\frac{6}{9} = \boxed{}$

7. $\quad 6\frac{4}{12} = \boxed{}$

8. $\quad 4\frac{3}{6} = \boxed{}$

**Write each fraction and mixed number in a box to show its correct location on the number line.**

9. $\quad 1\frac{1}{2}$

10. $\quad \frac{1}{2}$

11. $\quad 1\frac{3}{4}$
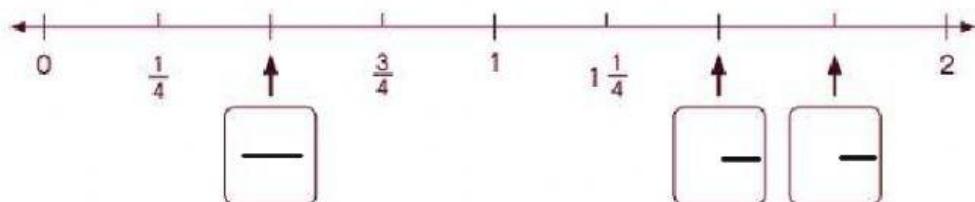
**Write a mixed number and an improper fraction for each model.**

12.
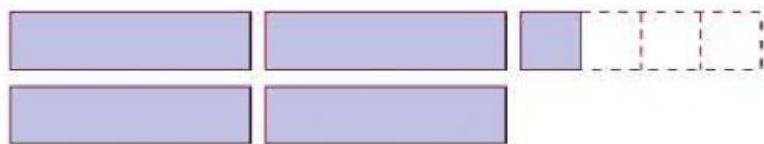
Mixed number: ☐— Improper fraction: ☐—

Write the missing improper fraction in each box.
Express the answers in simplest form.

13.

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0    1/4   2/4   3/4   1    ↑    3/2   ↑    2
                              ☐—         ☐—
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14.
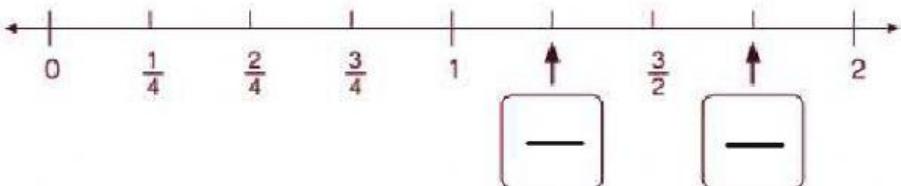
```
1   9/8   10/8   11/8   3/2   ↑   ↑   15/8   2   17/8   9/4   ↑   ↑   ↑
                              ☐—  ☐—                            ☐—     ☐—
                                                                   ☐—
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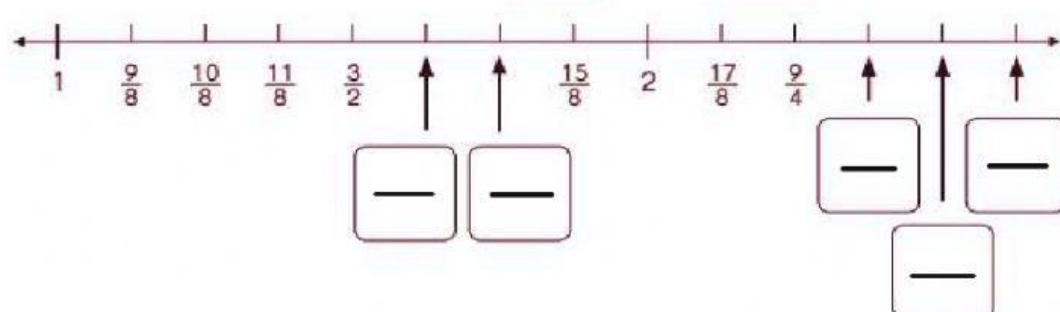
Write each improper fraction in a box to show its correct location on the number line.

15. $\dfrac{4}{3}$ **16.** $\dfrac{7}{3}$ **17.** $\dfrac{17}{9}$

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1   10/9   11/9   ↑   13/9   14/9   5/3   16/9   ↑   2   19/9   20/9   ↑
                  ☐                             ☐                      ☐
```
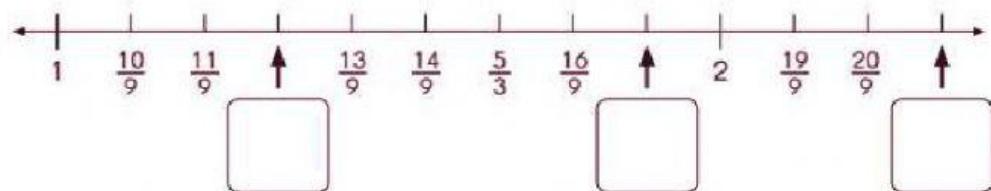
Express each mixed number as an improper fraction and each improper fraction as a mixed or whole number. Then solve the riddle.

18. $\frac{9}{7}$ = ☐ — (b)

19. $\frac{15}{6}$ = ☐ — (o)

20. $\frac{14}{7}$ = ☐ — (a)

21. $2\frac{2}{7}$ = ☐ — (i)

22. $3\frac{5}{8}$ = ☐ — (t)

23. $5\frac{3}{5}$ = ☐ — (r)

Which two animals can look behind without turning their heads?
Write the letters which match the answers to find out.

P _____ _____ _____ _____ _____
   2 $\frac{28}{5}$ $\frac{28}{5}$ $2\frac{1}{2}$ $\frac{29}{8}$

and

_____ _____ _____ _____ _____ _____
$\frac{28}{5}$ 2 $1\frac{2}{7}$ $1\frac{2}{7}$ $\frac{16}{7}$ $\frac{29}{8}$