

Y4 Homework 14 Answers

Softwood

/Hardwood

1) d

2) a

3) d

4) a

5) d

6) d

8) c

Clifton

1) d

2) c

3) d

4) c

5) b

6) c

7) a

8) d

Cloze

Farmer/Stork

1) lands

2) trapped

3) Master

4) pity

5) character

6) mother

7) Crane

8) aloud

9) robbers

10) die

CLOZE Egypt

1) occupied

2) advanced

3) hundreds

4) government

5) erected

6) preserved

7) dynasties

8) principal

9) constructed

10) twenty

11) pyramids

12) families

13) calculated

14) wrapped

1

The tightrope walker carried a balancing pole.

2

- * Dash/dashes/pair of dashes
- * Brackets/pair of brackets

3

Josef has beautiful writing. Adjective

Josef writes beautifully. Adverb

4

On a mountain bike, you can cycle across rocky ground, along muddy paths and over harsh terrain.

5

My grandmother is a ballroom-dancing champion, poet and singer.

6

In the first sentence, there is only one brother.

7

There are some books – including story books – in the cupboard.

Our classroom, at the end of the corridor, has a red door.

8

During the winter months, the sun does not appear high in

did

the sky and the days are much shorter than the nights.

were

9

The island called Zanzibar is in the Indian Ocean off the coast of Africa.

10

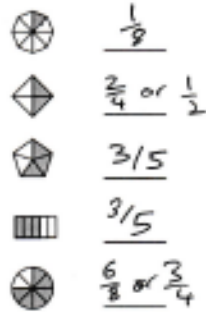
There were hundreds of gulls circling in the sky.

They gathered near the dock, searching for scraps.

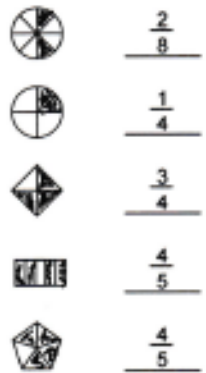
Spelling

1. Rudolph
2. **CORRECT**
3. Christmas
4. chestnuts
5. gingerbread
6. **CORRECT**
7. **CORRECT**
8. tinsel
9. evergreen
10. angel
11. wreath
12. Santa Claus

What is the Fraction of the Shaded Area?



Shade the Figure with the Indicated Fraction



Equivalent Fractions

$$\frac{3}{4} = \frac{18}{24} \qquad \frac{4}{6} = \frac{20}{30}$$

$$\frac{1}{2} = \frac{4}{8} \qquad \frac{2}{6} = \frac{6}{18}$$

$$\frac{1}{4} = \frac{6}{24}$$

Lowest Terms (Reducing Fractions)

$$\frac{6}{12} = \frac{1}{2} \qquad \frac{10}{20} = \frac{1}{2}$$

$$\frac{8}{12} = \frac{2}{3} \qquad \frac{20}{50} = \frac{2}{5}$$

$$\frac{20}{100} = \frac{1}{5} \qquad \frac{2}{6} = \frac{1}{3}$$

$$\frac{40}{50} = \frac{4}{5} \qquad \frac{5}{20} = \frac{1}{4}$$

$$\frac{21}{35} = \frac{3}{5} \qquad \frac{9}{12} = \frac{3}{4}$$

Converting Improper to Mixed Fractions

$$\frac{10}{4} = 2\frac{2}{4} \text{ or } 2\frac{1}{2} \qquad \frac{64}{10} = 6\frac{4}{10} = 6\frac{2}{5}$$

$$\frac{11}{2} = 5\frac{1}{2} \qquad \frac{11}{2} = 5\frac{1}{2}$$

$$\frac{22}{4} = 5\frac{2}{4} \text{ or } 5\frac{1}{2} \qquad \frac{29}{4} = 7\frac{1}{4}$$

$$\frac{12}{5} = 2\frac{2}{5} \qquad \frac{17}{3} = 5\frac{2}{3}$$

Converting Mixed to Improper Fractions

$$6\frac{3}{4} = \frac{27}{4} \qquad 9\frac{2}{3} = \frac{29}{3}$$

$$9\frac{2}{5} = \frac{47}{5} \qquad 8\frac{1}{2} = \frac{17}{2}$$

$$7\frac{1}{2} = \frac{15}{2} \qquad 9\frac{2}{3} = \frac{29}{3}$$

$$9\frac{2}{5} = \frac{47}{5} \qquad 6\frac{3}{10} = \frac{63}{10}$$

Adding Simple Fractions

$$\frac{2}{8} + \frac{2}{8} = \frac{4}{8} = \frac{1}{2}$$

$$\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$$

$$\frac{1}{12} + \frac{8}{12} = \frac{9}{12} = \frac{3}{4}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$$1) \quad \frac{1}{3} + \frac{4}{5} = \frac{17}{15}$$

$$\frac{1}{3} = \frac{5}{15} \quad \frac{4}{5} = \frac{12}{15}$$

$$\frac{5}{15} + \frac{12}{15} = \frac{17}{15} = \frac{17}{15}$$

$$2) \quad \frac{1}{2} + \frac{3}{5} = \frac{11}{10}$$

$$\frac{1}{2} = \frac{5}{10} \quad \frac{3}{5} = \frac{6}{10}$$

$$\frac{5}{10} + \frac{6}{10} = \frac{11}{10}$$

$$3) \quad \frac{5}{10} + \frac{1}{2} = 1$$

$$\frac{5}{10} = \frac{5}{10}$$

$$\frac{5}{10} + \frac{5}{10} = \frac{10}{10} = 1$$



Subtracting Simple Fractions

$$\frac{5}{10} - \frac{1}{10} = \frac{4}{10}$$

$$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$$

$$\frac{5}{9} - \frac{2}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{3}{10} - \frac{1}{10} = \frac{2}{10} = \frac{1}{5}$$

$$1) \quad \frac{2}{5} - \frac{1}{3} = \frac{1}{15}$$

$$\frac{2}{5} = \frac{10}{15}$$

$$\frac{1}{3} = \frac{5}{15}$$

$$\frac{10}{15} - \frac{5}{15} = \frac{5}{15} = \frac{1}{3}$$

$$2) \quad \frac{4}{5} - \frac{3}{4} = \frac{1}{20}$$

$$\frac{4}{5} = \frac{16}{20}$$

$$\frac{3}{4} = \frac{15}{20}$$

$$\frac{16}{20} - \frac{15}{20} = \frac{1}{20}$$

$$3) \quad \frac{1}{2} - \frac{2}{5} = \frac{1}{10}$$

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{5}{10} - \frac{4}{10} = \frac{1}{10}$$

$$\frac{2}{5} = \frac{4}{10}$$

Decimal Revision

Multiply

1) 25.4

2) 36.8

3) 13.8

4) 4.8

Dividing by 10, 100 and 1000

$$2.5 \div 10 = 0.25$$

$$2.5 \div 100 = 0.025$$

$$2.5 \div 1,000 = 0.0025$$

$$2.5 \div 10,000 = 0.00025$$

$$40.5 \div 10 = 4.05$$

$$40.5 \div 100 = 0.405$$

$$40.5 \div 1,000 = 0.0405$$

$$40.5 \div 10,000 = 0.00405$$

a.
$$\begin{array}{r} 0.62 \\ 4 \overline{) 2.48} \end{array}$$

b.
$$\begin{array}{r} 6.5 \\ 3 \overline{) 19.5} \end{array}$$

c.
$$\begin{array}{r} 2.64 \\ 6 \overline{) 15.84} \end{array}$$

d.
$$\begin{array}{r} 0.525 \\ 7 \overline{) 3.675} \end{array}$$

e.
$$\begin{array}{r} 73.8 \\ 2 \overline{) 147.6} \end{array}$$

NVR Analogy

- 1) D
- 2) B
- 3) B
- 4) C
- 5) C
- 6) E

Verbal Reasoning

(Train <u>Chair</u> Book)	(<u>Seat</u> Pipe Organ)
(Fold <u>Walk</u> Jump)	(Sheet Cover <u>Hike</u>)
(Sleek Shear <u>Seek</u>)	(<u>Search</u> Cover Relate)
(Driver Beetle <u>Cook</u>)	(Slice Tread <u>Chef</u>)
(Rinse <u>Split</u> Reach)	(<u>Tear</u> Repair Trend)
(<u>Correct</u> Trifle Wander)	(Hinder Creep <u>Amend</u>)
(Kitchen <u>Desk</u> Polish)	(Solve Canal <u>Table</u>)
(Direct Ponder <u>Smooth</u>)	(Drive <u>Flat</u> Work)
(<u>Sight</u> Dread Mellow)	(Force <u>Vision</u> Empty)
(Dream Copy <u>Melt</u>)	(Waste Enjoy <u>Thaw</u>)
(<u>Spread</u> Flow Sweep)	(Judge <u>Extend</u> Enter)
(Shy Follow <u>Bold</u>)	(Idle <u>Daring</u> Lazy)
(Filter <u>Match</u> Break)	(Deny Drain <u>Contest</u>)
(<u>Create</u> Ruin Destroy)	(Forage <u>Form</u> Foster)