

Grade 3

End of Year
Math in Focus
Review Packet

Concepts and Skills

Add. (Lessons 3.1, 3.2, and 3.3)

1.
$$\begin{array}{r} 6,305 \\ + 2,512 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 3,100 \\ + 2,800 \\ \hline \end{array}$$

Subtract. (Lessons 4.1, 4.2 and 4.3)

3.
$$\begin{array}{r} 8,754 \\ - 531 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8,615 \\ - 2,704 \\ \hline \end{array}$$

Problem Solving

Solve. Draw bar models to help you. (Lesson 5.1)

5. 5,476 people ride Bus D in March.
1,496 fewer people ride Bus E in the same month.
- How many people ride Bus E in March?
 - How many people ride both buses in March?

6. A supermarket has 1,213 apples.
368 are green apples.
- How many of the apples are red?
 - How many more red apples than green apples does the supermarket have?

7. 2,500 people visit the Children's Museum on Monday.
On Tuesday, there were 532 more people at the museum than on Monday.
What is the total number of visitors for both days?

8. Michael has 754 songs in his audio device.
He has 98 more songs than Peter.
How many songs do they have in all?

9.

$$\begin{array}{r} 432 \\ \times 2 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 251 \\ \times 3 \\ \hline \end{array}$$

Concepts and Skills

Fill in the blanks. (Lessons 6.1 to 6.5)

11. _____ \times 8 = 0

12. _____ \times 1 = 7

13. 9 sixes = 9 \times _____

14. 4 \times 7 = _____ sevens

15. 3 \times 6 = 6 + 6 + _____

16. 7 \times 6 = 6 \times _____

17. 9 \times _____ = 0

18. 8 + 8 + 8 + 8 + 8 = 5 \times _____

19. 5 nines + 3 nines = _____ \times 9

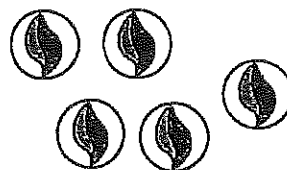
20. 9 + 9 + 9 + 9 = _____ nines

Problem Solving

Solve. Show your work.

21. Cheryl completes 42 pages of math exercises.
There are 4 exercises on each page.
How many exercises does she complete?

22. Damien has 48 marbles.
He packs all the marbles equally into 8 bags.
How many marbles are there in each bag?



23. Mr. Roberts has 63 daisies and some pots.
He plants 9 daisies in each pot.
How many pots does he use?

24. A farmer packs 49 pounds of grain into 7-pound bags.
How many bags does the farmer need?

25. A grocer sells 153 bags of carrots.
Each bag has 5 carrots.
How many carrots does the grocer sell?

Divide. (Lessons 8.4 and 8.5)

26. $3 \overline{) 96}$

27. $3 \overline{) 93}$

28. $5 \overline{) 56}$

29. $2 \overline{) 73}$

30. $4 \overline{) 47}$

31. $5 \overline{) 98}$

Problem Solving

Solve. Draw bar models to help you.

32. Roland has 125 trading cards.
Ian has three times as many trading cards as Roland.
How many trading cards does Ian have?

33. Mr. Hansen gives out 250 pencils to 5 classes.
Each class receives an equal number of pencils.
How many pencils does each class receive?

34. Jessie buys 4 cartons of markers.
Each carton contains 125 markers.
How many markers does she buy?

35. Mike is three times as tall as Pamela.

Pamela is 2 feet tall.

a. How tall is Mike?

b. How many feet taller is Mike than Pamela?

36. Mrs. Herra buys 3 boxes of oranges. She also buys 6 boxes of apples.
Each box contains 65 pieces of fruit.

a. How many boxes of fruit does Mrs. Herra buy?

b. How many pieces of fruit does Mrs. Herra buy?

37. Shaun has 96 ounces of lemonade.
He pours all the lemonade equally into 6 jugs.
He then pours out one of the jugs of lemonade to fill 2 glasses.
How many ounces of lemonade does each glass hold?

38. A watch costs \$56.
A camera costs double the amount of the watch.
How much do the two items cost in all?

39. Ben has 4 cartons of crayons.
Each carton contains 120 crayons.
He puts them equally into 6 cartons.
How many crayons are in each carton?

40. Natalie has 275 centimeters of ribbon to make headbands.
She makes 4 headbands and has 15 centimeters of ribbon left.
What length of ribbon does she use for each headband?

41. Add 4,786 and 1,078. (Lesson 3.3)
- (A) 3,708 (B) 3,808
(C) 5,764 (D) 5,864

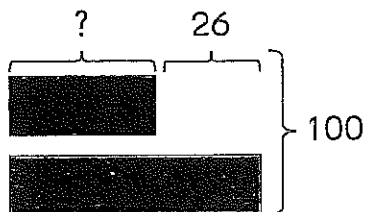
42. Subtract 1,786 from 3,000. (Lesson 4.3)
- (A) 1,204 (B) 1,214
(C) 2,786 (D) 4,786

43. $215 \times 4 = \underline{\hspace{2cm}}$. (Lesson 7.3)
- (A) 172 (B) 211
(C) 219 (D) 860

44. Drew has 87 pebbles.
He divides the pebbles equally into 3 bags.
How many pebbles does he have in each bag? (Lesson 8.5)

- (A) 29 (B) 84
(C) 90 (D) 261

45. The sum of two numbers is 100.
The difference between the two numbers is 26.
What is the number that is less? (Lesson 5.1)



- (A) 13 (B) 24
(C) 37 (D) 63

46. Shaun takes 300 photographs at the zoo.
Sheena takes twice as many photographs as Shaun.
How many photographs do they take in all? (Lesson 9.1)

_____ photos

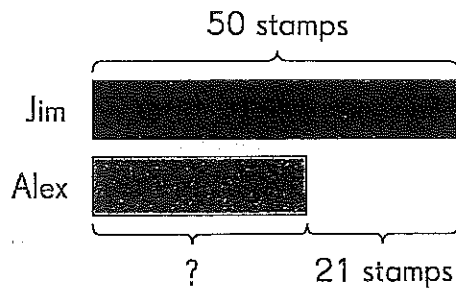
47. Shannon has 78 animal stickers.
She has three times as many animal stickers as her brother, Ryan.
How many animal stickers does Ryan have? (Lesson 9.3)

_____ paperclips

48. Caroline packs some glue sticks into 8 bags.
She has 12 glue sticks left over.
If there are 25 glue sticks in each bag, how many
glue sticks did she have at first? (Lessons 7.3 and 3.1)

49. A factory delivers 5 containers of pottery to a store.
Each container has 162 pieces of pottery.
The store owner discovers 24 pieces of pottery are broken.
How many pieces of pottery are not broken?

50. Use the model. How many stamps does Alex have? (Lesson 5.1)



_____ stamps

51. A craft store sells 1,124 fewer pieces of red art paper than blue art paper.
It sells 2,317 pieces of red art paper.
How many pieces of red and blue art paper does the craft store sell?
(Lessons 3.3 and 4.3)

_____ pieces

52. Ngu walks 250 feet.
She walks 65 feet more than Pauline.
How far does Pauline walk? (Lesson 4.3)

_____ feet

53. Oomi makes 4 necklaces.
She uses 156 beads for each necklace.
How many beads does she use in all? (Lesson 7.3)

_____ beads

Write the missing numerator or denominator. (Lesson 14.2)

54. $\frac{3}{4} = \frac{\square}{12}$

55. $\frac{6}{8} = \frac{3}{\square}$

56. $\frac{\square}{5} = \frac{2}{\square} = \frac{\square}{20}$ (Lesson 14.3)

57. $\frac{\square}{16} = \frac{6}{\square} = \frac{\square}{4}$ (Lesson 14.3)

Complete.

Express each fraction in simplest form. (Lesson 14.3)

58. $\frac{6}{10} = \underline{\hspace{2cm}}$

59. $\frac{8}{12} = \underline{\hspace{2cm}}$

Circle the fraction that is greater. (Lesson 14.4)

60. $\frac{5}{6}$ or $\frac{2}{3}$

61. $\frac{2}{5}$ or $\frac{5}{8}$

Multiple Choice

Fill in the circle next to the correct answer.

62. John spends \$1.35 on bus fare and \$2.50 on food each day. How much does he spend in two days? (Lesson 10.1)

(A) \$3.85

(B) \$6.60

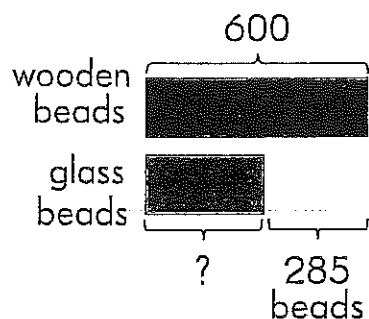
(C) \$6.70

(D) \$7.70

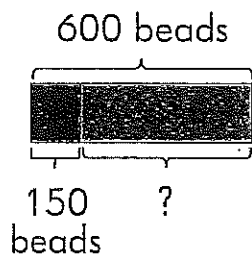
Extended Response

Solve. Show your work.

63. Jolene has 600 wooden beads.
She has 285 fewer glass beads than wooden beads.
a. How many glass beads does Jolene have?



- b. How many wooden beads does she have if she uses 150 of them to make necklaces?



Solve. Show your work.

64. A family has two dogs, a husky and a terrier. The husky's mass is 23 kilograms. If he gains 7 kilograms, his mass will be five times that of the terrier. What is the mass of the terrier?

Circle the fraction that is less. (Lesson 14.4)

65. $\frac{5}{7}$ or $\frac{5}{9}$

66. $\frac{4}{9}$ or $\frac{5}{7}$

Compare. Write > or <. (Lesson 14.4)

67. $\frac{4}{5}$ ○ $\frac{3}{8}$

68. $\frac{3}{7}$ ○ $\frac{7}{12}$

Order the fractions from least to greatest. (Lesson 14.4)

69. $\frac{1}{2}$, $\frac{3}{8}$, $\frac{7}{12}$ _____

Order the fractions from greatest to least.

70. $\frac{1}{6}$, $\frac{3}{4}$, $\frac{2}{3}$ _____

Concepts and Skills

Fill in the blanks with *past* or *to*. (Lesson 16.1)

71. 12 minutes _____ 8 is 8:12.

72. 10 minutes _____ 3 is 2:50.

Fill in the blanks. (Lesson 16.2)

73. 4 h 25 min = _____ min

74. 210 min = _____ h, _____ min

Problem Solving

Solve. Show your work.

75. Hayley is saving for a book that costs \$19.50.
She has saved \$7.85.
How much more does she need to save?

76. The table shows the amount of money Tim saved for three months.

January	February	March	Total
\$10.55	\$15.70	?	\$50

How much did Tim save in March? \$_____

Solve. Draw a time line to help you.

77. Rhonda read a book from 8:45 A.M. to 10:50 A.M.
- a. How long did she spend reading the book?
 - b. She continues reading for another 1 hour 25 minutes. What time will she stop reading?

78. Which is incorrect? (Lesson 14.3)

(A) $\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$

(B) $\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$

(C) $\frac{2}{3} = \frac{4}{6} = \frac{6}{12}$

(D) $\frac{2}{2} = \frac{4}{4} = \frac{11}{11}$

Solve. Show your work.

79. After a garage sale, Norman makes \$105.50.
Julie makes \$38.75 more than Norman. Lana makes \$19.20 less than Julie. How much does Lana make?

80. George starts on his science project at 8:25 A.M. He finishes at 10:10 A.M. How long did he take? (Lesson 16.5)

_____ h _____ min

81. Company A gets 3,700 hits on their website.
Company B gets 450 fewer hits than Company A.
- How many hits does Company B get?

- How many hits do both companies get in all?

82. Order the fractions from greatest to least. (Lesson 14.4)

$$\frac{1}{4}, \frac{7}{8}, \frac{3}{4}$$



83. Noah swims 80 laps in 5 days.
He swims the same number of laps every day.
- How many laps does he swim in a day?

- How many laps does he swim in 4 days?

Solve . Show your work.

84. Pauline went to a party.
She spends 3 hours 25 minutes there.
She goes home at 2:15 P.M.
What time did she go to the party?

85.

Jose has 88 stickers.

He puts 4 stickers on each bookmark.

He gives all his bookmarks away to his friends.

Each friend receives 2 bookmarks.

a. How many bookmarks does he put stickers on?

b. How many friends does he have?