

Money and Sales Tax

Find 10%, 5% and 1% of each price. Use them to find 13% and 15%.

Price	10% price ÷ 10	5% half of 10%	1% 10% ÷ 10	13% 10% + 3 × 1%	15% 10% + 5%
\$20 Example	\$2	\$1	20¢	\$2.60	\$3
\$35					
\$16					
\$90					
\$8					
\$50					
\$24					
\$12					

Money and Sales Tax

Find the sales tax. Round it to the nearest cent. Then find the total.

1. Liam buys a hockey stick for \$40. The sales tax is 13%.

Example

$$10\% = \$4.00, 1\% = 40\text{¢}$$

$$13\% = \$4.00 + 3 \times 40\text{¢} = \$5.20$$

$$\$40.00 + \$5.20 = \$45.20$$

Tax	\$5.20
Total	\$45.20

2. Maya buys a backpack for \$30. The sales tax is 5%.

Tax	_____
Total	_____

3. Ethan buys a pair of skates for \$60. The sales tax is 15%.

Tax	_____
Total	_____

4. Priya buys a box of markers for \$12.30. The sales tax is 5%.

Tax	_____
Total	_____

5. Owen buys a board game for \$25. The sales tax is 13%.

Tax	_____
Total	_____

6. Hana buys a scarf for \$8.70. The sales tax is 15%.

Tax	_____
Total	_____

Money and Sales Tax

Round to the nearest dollar. Find 10% first, then estimate the tax.

1. Maya has \$30. She **Example** buys a sweater for \$18.95 and a hat for \$7.10. The sales tax is 13%.

\$18.95 is about \$ 19

\$7.10 is about \$ 7

Estimate: \$ 26

10% of it: \$ 2.60

Tax at 13%: \$ 3.38

Total: \$ 29.38

Is \$30 enough? **Yes** or **No**

2. Ethan has \$20. He buys a book for \$12.89 and a puzzle for \$5.79. The sales tax is 15%.

\$12.89 is about \$ _____

\$5.79 is about \$ _____

Estimate: \$ _____

10% of it: \$ _____

Tax at 15%: \$ _____

Total: \$ _____

Is \$20 enough? **Yes** or **No**

3. Amara has \$50. She buys boots for \$39.99 and mitts for \$4.12. The sales tax is 5%.

\$39.99 is about \$ _____

\$4.12 is about \$ _____

Estimate: \$ _____

10% of it: \$ _____

Tax at 5%: \$ _____

Total: \$ _____

Is \$50 enough? **Yes** or **No**

4. Jacob has \$25. He buys a soccer ball for \$14.79 and shin pads for \$8.23. The sales tax is 13%.

\$14.79 is about \$ _____

\$8.23 is about \$ _____

Estimate: \$ _____

10% of it: \$ _____

Tax at 13%: \$ _____

Total: \$ _____

Is \$25 enough? **Yes** or **No**

Money and Sales Tax

Find the subtotal, the sales tax and the total on each receipt.

1.

Example

Book Nook	
Novel	\$8.55
Comic book	\$6.45
Subtotal	\$15.00
Sales tax 13%	\$1.95
Total	\$16.95

$$\$8.55 + \$6.45 = \$15.00$$

$$10\% = \$1.50, 1\% = 15\text{c}$$

$$13\% = \$1.50 + 3 \times 15\text{c} = \$1.95$$

$$\$15.00 + \$1.95 = \$16.95$$

2.

Trail Sports	
Water bottle	\$11.75
Socks	\$4.25
Cap	\$3.60
Subtotal	_____
Sales tax 5%	_____
Total	_____

3.

Harbour Hardware	
Paint	\$23.40
Brush	\$6.90
Subtotal	_____
Sales tax 15%	_____
Total	_____

4.

Art Corner	
Colouring book	\$7.35
Glue	\$2.80
Markers	\$7.85
Subtotal	_____
Sales tax 13%	_____
Total	_____

Money and Sales Tax

Add the tax. Pay cash: round the total to the nearest 5¢. Find the change.

					
teddy bear	toy car	train	beach ball	top	rubber duck
\$14.75	\$6.25	\$9.40	\$3.60	\$2.80	\$4.20

1. Kai buys a teddy bear and a toy car. The sales tax is 13%. He pays with a \$50 bill.
- Example**
- $\$14.75 + \$6.25 = \$21.00$
 $10\% = \$2.10, 1\% = 21\text{¢}$
 $13\% = \$2.10 + 3 \times 21\text{¢} = \$2.73$

Tax	\$2.73
Total	\$23.73
Cash total	\$23.75
Change	\$26.25

2. Leah buys a train and a beach ball. The sales tax is 13%. She pays with a \$20 bill.

Tax	_____
Total	_____
Cash total	_____
Change	_____

3. Arjun buys a top, a rubber duck and a beach ball. The sales tax is 15%. He pays with a \$20 bill.

Tax	_____
Total	_____
Cash total	_____
Change	_____

4. Sophie buys a train, a top and a rubber duck. The sales tax is 5%. She pays with a \$20 bill.

Tax	_____
Total	_____
Cash total	_____
Change	_____

Money and Sales Tax

Find 10%, 5% and 1% of each price. Use them to find 13% and 15%.

Price	10% price ÷ 10	5% half of 10%	1% 10% ÷ 10	13% 10% + 3 × 1%	15% 10% + 5%
\$20 Example	\$2	\$1	20¢	\$2.60	\$3
\$35					
\$16					
\$90					
\$8					
\$50					
\$24					
\$12					

Money and Sales Tax

Find the sales tax. Round it to the nearest cent. Then find the total.

1. Liam buys a hockey stick for **\$40**. The sales tax is **13%**.

Example

$$10\% = \$4.00, 1\% = 40\text{¢}$$

$$13\% = \$4.00 + 3 \times 40\text{¢} = \$5.20$$

$$\$40.00 + \$5.20 = \$45.20$$

Tax **\$5.20**
Total **\$45.20**

2. Maya buys a backpack for **\$30**. The sales tax is **5%**.

Tax _____
Total _____

3. Ethan buys a pair of skates for **\$60**. The sales tax is **15%**.

Tax _____
Total _____

4. Priya buys a box of markers for **\$12.30**. The sales tax is **5%**.

Tax _____
Total _____

5. Owen buys a board game for **\$25**. The sales tax is **13%**.

Tax _____
Total _____

6. Hana buys a scarf for **\$8.70**. The sales tax is **15%**.

Tax _____
Total _____

Money and Sales Tax

Round to the nearest dollar. Find 10% first, then estimate the tax.

1. Maya has \$30. She **Example** buys a sweater for \$18.95 and a hat for \$7.10. The sales tax is 13%.

\$18.95 is about \$ 19

\$7.10 is about \$ 7

Estimate: \$ 26

10% of it: \$ 2.60

Tax at 13%: \$ 3.38

Total: \$ 29.38

Is \$30 enough? **Yes** or **No**

2. Ethan has \$20. He buys a book for \$12.89 and a puzzle for \$5.79. The sales tax is 15%.

\$12.89 is about \$ _____

\$5.79 is about \$ _____

Estimate: \$ _____

10% of it: \$ _____

Tax at 15%: \$ _____

Total: \$ _____

Is \$20 enough? **Yes** or **No**

3. Amara has \$50. She buys boots for \$39.99 and mitts for \$4.12. The sales tax is 5%.

\$39.99 is about \$ _____

\$4.12 is about \$ _____

Estimate: \$ _____

10% of it: \$ _____

Tax at 5%: \$ _____

Total: \$ _____

Is \$50 enough? **Yes** or **No**

4. Jacob has \$25. He buys a soccer ball for \$14.79 and shin pads for \$8.23. The sales tax is 13%.

\$14.79 is about \$ _____

\$8.23 is about \$ _____

Estimate: \$ _____

10% of it: \$ _____

Tax at 13%: \$ _____

Total: \$ _____

Is \$25 enough? **Yes** or **No**

Money and Sales Tax

Find the subtotal, the sales tax and the total on each receipt.

1.**Example**

Book Nook	
Novel	\$8.55
Comic book	\$6.45
Subtotal	\$15.00
Sales tax 13%	\$1.95
Total	\$16.95

$$\$8.55 + \$6.45 = \$15.00$$

$$10\% = \$1.50, 1\% = 15\text{c}$$

$$13\% = \$1.50 + 3 \times 15\text{c} = \$1.95$$

$$\$15.00 + \$1.95 = \$16.95$$

2.

Trail Sports	
Water bottle	\$11.75
Socks	\$4.25
Cap	\$3.60
Subtotal	_____
Sales tax 5%	_____
Total	_____

3.

Harbour Hardware	
Paint	\$23.40
Brush	\$6.90
Subtotal	_____
Sales tax 15%	_____
Total	_____

4.

Art Corner	
Colouring book	\$7.35
Glue	\$2.80
Markers	\$7.85
Subtotal	_____
Sales tax 13%	_____
Total	_____

Money and Sales Tax

Add the tax. Pay cash: round the total to the nearest 5¢. Find the change.

					
teddy bear	toy car	train	beach ball	top	rubber duck
\$14.75	\$6.25	\$9.40	\$3.60	\$2.80	\$4.20

1. Kai buys a teddy bear and a toy car. The sales tax is 13%. He pays with a \$50 bill.
- $\$14.75 + \$6.25 = \$21.00$
 $10\% = \$2.10, 1\% = 21\text{¢}$
 $13\% = \$2.10 + 3 \times 21\text{¢} = \$2.73$

Tax	\$2.73
Total	\$23.73
Cash total	\$23.75
Change	\$26.25

2. Leah buys a train and a beach ball. The sales tax is 13%. She pays with a \$20 bill.

Tax	_____
Total	_____
Cash total	_____
Change	_____

3. Arjun buys a top, a rubber duck and a beach ball. The sales tax is 15%. He pays with a \$20 bill.

Tax	_____
Total	_____
Cash total	_____
Change	_____

4. Sophie buys a train, a top and a rubber duck. The sales tax is 5%. She pays with a \$20 bill.

Tax	_____
Total	_____
Cash total	_____
Change	_____

Money and Sales Tax

Find 10%, 5% and 1% of each price. Use them to find 13% and 15%.

Price	10% price $\div$ 10	5% half of 10%	1% 10% $\div$ 10	13% 10% + 3 $\times$ 1%	15% 10% + 5%
\$20 Example	<u>\$2</u>	<u>\$1</u>	<u>20¢</u>	<u>\$2.60</u>	<u>\$3</u>
\$35	<u>\$3.50</u>	<u>\$1.75</u>	<u>35¢</u>	<u>\$4.55</u>	<u>\$5.25</u>
\$16	<u>\$1.60</u>	<u>80¢</u>	<u>16¢</u>	<u>\$2.08</u>	<u>\$2.40</u>
\$90	<u>\$9</u>	<u>\$4.50</u>	<u>90¢</u>	<u>\$11.70</u>	<u>\$13.50</u>
\$8	<u>80¢</u>	<u>40¢</u>	<u>8¢</u>	<u>\$1.04</u>	<u>\$1.20</u>
\$50	<u>\$5</u>	<u>\$2.50</u>	<u>50¢</u>	<u>\$6.50</u>	<u>\$7.50</u>
\$24	<u>\$2.40</u>	<u>\$1.20</u>	<u>24¢</u>	<u>\$3.12</u>	<u>\$3.60</u>
\$12	<u>\$1.20</u>	<u>60¢</u>	<u>12¢</u>	<u>\$1.56</u>	<u>\$1.80</u>

Money and Sales Tax

Find the sales tax. Round it to the nearest cent. Then find the total.

1. Liam buys a hockey stick for \$40. The sales tax is 13%. Example

$$10\% = \$4.00, 1\% = 40\text{¢}$$

$$13\% = \$4.00 + 3 \times 40\text{¢} = \$5.20$$

$$\$40.00 + \$5.20 = \$45.20$$

Tax	\$5.20
Total	\$45.20

2. Maya buys a backpack for \$30. The sales tax is 5%.

$$10\% = \$3.00, 5\% = \$1.50$$

$$\$30.00 + \$1.50 = \$31.50$$

Tax	\$1.50
Total	\$31.50

3. Ethan buys a pair of skates for \$60. The sales tax is 15%.

$$10\% = \$6.00, 5\% = \$3.00$$

$$15\% = \$6.00 + \$3.00 = \$9.00$$

$$\$60.00 + \$9.00 = \$69.00$$

Tax	\$9
Total	\$69

4. Priya buys a box of markers for \$12.30. The sales tax is 5%.

$$10\% = \$1.23, 5\% = 61.5\text{¢}$$

$$61.5\text{¢} \text{ rounds up to } 62\text{¢}$$

$$\$12.30 + 62\text{¢} = \$12.92$$

Tax	62¢
Total	\$12.92

5. Owen buys a board game for \$25. The sales tax is 13%.

$$10\% = \$2.50, 1\% = 25\text{¢}$$

$$13\% = \$2.50 + 3 \times 25\text{¢} = \$3.25$$

$$\$25.00 + \$3.25 = \$28.25$$

Tax	\$3.25
Total	\$28.25

6. Hana buys a scarf for \$8.70. The sales tax is 15%.

$$10\% = 87\text{¢}, 5\% = 43.5\text{¢}$$

$$15\% = 130.5\text{¢}, \text{ so } \$1.31$$

$$\$8.70 + \$1.31 = \$10.01$$

Tax	\$1.31
Total	\$10.01

Money and Sales Tax

Round to the nearest dollar. Find 10% first, then estimate the tax.

1. Maya has \$30. She Example buys a sweater for \$18.95 and a hat for \$7.10. The sales tax is 13%.

\$18.95 is about \$ 19

\$7.10 is about \$ 7

Estimate: \$ 26

10% of it: \$ 2.60

Tax at 13%: \$ 3.38

Total: \$ 29.38

Is \$30 enough? Yes or No

2. Ethan has \$20. He buys a book for \$12.89 and a puzzle for \$5.79. The sales tax is 15%.

\$12.89 is about \$ 13

\$5.79 is about \$ 6

Estimate: \$ 19

10% of it: \$ 1.90

Tax at 15%: \$ 2.85

Total: \$ 21.85

Is \$20 enough? Yes or No

3. Amara has \$50. She buys boots for \$39.99 and mitts for \$4.12. The sales tax is 5%.

\$39.99 is about \$ 40

\$4.12 is about \$ 4

Estimate: \$ 44

10% of it: \$ 4.40

Tax at 5%: \$ 2.20

Total: \$ 46.20

Is \$50 enough? Yes or No

4. Jacob has \$25. He buys a soccer ball for \$14.79 and shin pads for \$8.23. The sales tax is 13%.

\$14.79 is about \$ 15

\$8.23 is about \$ 8

Estimate: \$ 23

10% of it: \$ 2.30

Tax at 13%: \$ 2.99

Total: \$ 25.99

Is \$25 enough? Yes or No

Money and Sales Tax

Find the subtotal, the sales tax and the total on each receipt.

1.

Example

Book Nook	
Novel	\$8.55
Comic book	\$6.45
Subtotal	\$15.00
Sales tax 13%	\$1.95
Total	\$16.95

$$\$8.55 + \$6.45 = \$15.00$$

$$10\% = \$1.50, 1\% = 15\text{c}$$

$$13\% = \$1.50 + 3 \times 15\text{c} = \$1.95$$

$$\$15.00 + \$1.95 = \$16.95$$

2.

Trail Sports	
Water bottle	\$11.75
Socks	\$4.25
Cap	\$3.60
Subtotal	\$19.60
Sales tax 5%	\$0.98
Total	\$20.58

$$\$11.75 + \$4.25 + \$3.60 = \$19.60$$

$$10\% = \$1.96, 5\% = 98\text{c}$$

$$\$19.60 + 98\text{c} = \$20.58$$

3.

Harbour Hardware	
Paint	\$23.40
Brush	\$6.90
Subtotal	\$30.30
Sales tax 15%	\$4.55
Total	\$34.85

$$\$23.40 + \$6.90 = \$30.30$$

$$10\% = \$3.03, 5\% = 151.5\text{c}$$

$$15\% = 454.5\text{c}, \text{ so } \$4.55$$

$$\$30.30 + \$4.55 = \$34.85$$

4.

Art Corner	
Colouring book	\$7.35
Glue	\$2.80
Markers	\$7.85
Subtotal	\$18.00
Sales tax 13%	\$2.34
Total	\$20.34

$$\$7.35 + \$2.80 + \$7.85 = \$18.00$$

$$10\% = \$1.80, 1\% = 18\text{c}$$

$$13\% = \$1.80 + 3 \times 18\text{c} = \$2.34$$

$$\$18.00 + \$2.34 = \$20.34$$

Money and Sales Tax

Add the tax. Pay cash: round the total to the nearest 5¢. Find the change.

					
teddy bear	toy car	train	beach ball	top	rubber duck
\$14.75	\$6.25	\$9.40	\$3.60	\$2.80	\$4.20

1. Kai buys a teddy bear and a toy car. The sales tax is 13%. He pays with a \$50 bill.
- $\$14.75 + \$6.25 = \$21.00$
 $10\% = \$2.10, 1\% = 21\text{¢}$
 $13\% = \$2.10 + 3 \times 21\text{¢} = \$2.73$

Tax	\$2.73
Total	\$23.73
Cash total	\$23.75
Change	\$26.25

2. Leah buys a train and a beach ball. The sales tax is 13%. She pays with a \$20 bill.
- $\$9.40 + \$3.60 = \$13.00$
 $10\% = \$1.30, 1\% = 13\text{¢}$
 $13\% = \$1.30 + 3 \times 13\text{¢} = \$1.69$

Tax	\$1.69
Total	\$14.69
Cash total	\$14.70
Change	\$5.30

3. Arjun buys a top, a rubber duck and a beach ball. The sales tax is 15%. He pays with a \$20 bill.
- $\$2.80 + \$4.20 + \$3.60 = \$10.60$
 $10\% = \$1.06, 5\% = 53\text{¢}$
 $15\% = \$1.06 + 53\text{¢} = \$1.59$

Tax	\$1.59
Total	\$12.19
Cash total	\$12.20
Change	\$7.80

4. Sophie buys a train, a top and a rubber duck. The sales tax is 5%. She pays with a \$20 bill.
- $\$9.40 + \$2.80 + \$4.20 = \$16.40$
 $10\% = \$1.64, 5\% = 82\text{¢}$

Tax	82¢
Total	\$17.22
Cash total	\$17.20
Change	\$2.80