

# FCC Fun Call

An Activity Booklet  
Telecommunications and Online Safety Tips



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[fcc.gov/outreach](http://fcc.gov/outreach)



## ALL About My Cell Phone

S E D P Y A C U S H C R X T H  
E Y M A A H R G H O T I A E O  
N T L I A S N E N A E N E N T  
U T O R T I S T M I X G N R S  
T W G W T E A W J A T T O E P  
I E I T E C C L O H C O H T O  
R F E P T R C A T R L N P N T  
I S R S P A L O F T D E L I G  
D A O L N W O D M T K Q L M Q  
O A P P S T O R E P F A E I P  
U I S W E A O I L I U Z C I R  
B S N U M O B I L E B T K O Q  
C H L B Z T N A G U J C E O P  
C B R U G E I F L E S B Z R H  
W I R E L E S S U X P L O W Y

### WORD FIND

APPSTORE

BLUETOOTH

CAMERA

CELLPHONE

CHARGER

COMPUTER

CONTACTS

DOWNLOAD

FACETIME

HOTSPOT

INTERNET

ITUNES

MOBILE

PASSWORD

RINGTONE

SELFIE

SETTINGS

TEXT

TOWER

WIFI

WIRELESS



## Telecom Trivia

1. How many fiber optic cables can fit inside a 1/2"-diameter tube?

- A) 1,000
- B) 10,000
- C) 100,000
- D) 1,000,000



2. What is the most profitable invention in U.S. history?

- A) television
- B) telephone
- C) automobile
- D) light bulb

3. The most common use for mobile phones is:

- A) making a call
- B) texting
- C) checking the time
- D) watching a video



4. The holiday where Americans make the most phone calls is:

- A) Mother's Day
- B) Father's Day
- C) New Year's
- D) Thanksgiving

Answers: 1-D; 2-B; 3-C; 4-A

## Wi-Fi & What You Need To Know

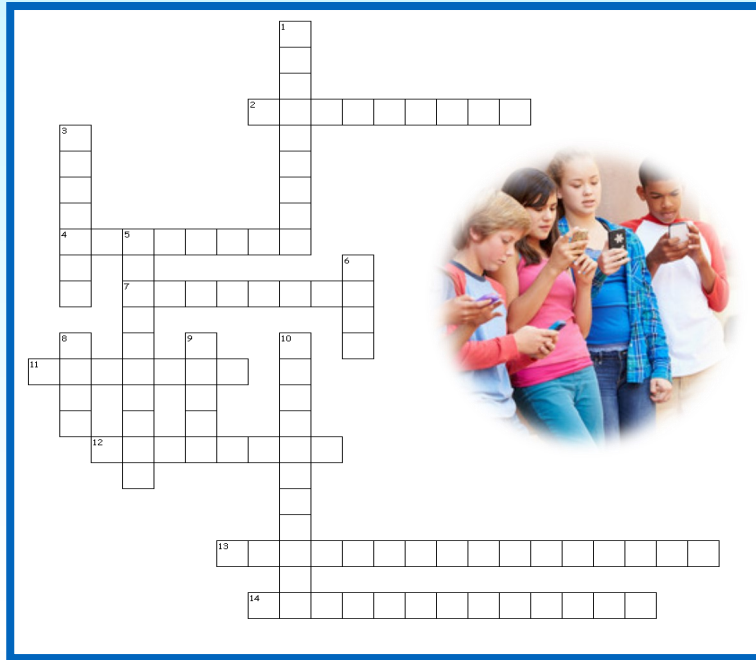
Wireless local area networking is commonly known as “Wi-Fi”, and it enables computers, phones and other devices to interconnect without wiring. The name was branded by the Wi-Fi Alliance, a trade association, who chose it because it was "a little catchier than 'IEEE 802.11b Direct Sequence'."



Many stores and restaurants offer “free Wi-Fi” to customers, but you should be careful when connecting to Wi-Fi networks that are not secured with password or other protections. To keep yourself safe from hackers, be sure to take the following steps:

- Check with the store or restaurant if more than one available Wi-Fi signal has their name on it.
- Make sure any websites you visit over Wi-Fi have “https:” at the beginning, to ensure that your communications are encrypted.
- Change the settings on your device so that it does NOT automatically connect with available Wi-Fi signals.
- Consider downloading an app that requires your web browsers to use encryption.
- When sending sensitive data, turn off your Wi-Fi setting and opt to use your cellphone data plan instead.

# Telecommunications



## Crossword Puzzle

### Across

2. Sirius XM is \_\_\_\_\_ Radio
4. global communication network that allows almost all computers worldwide to connect and exchange information
7. traditional wired phone service
11. NOT analogue
12. unsolicited prerecorded telemarketing calls to your home or mobile phone
13. text on bottom of TV screen often used by people with a hearing disability
14. when you point this object at a television, a picture appears

### Down

1. transmits a program or information by radio or television
3. a sale in which goods or property are soled to the highest bidder
5. a square box on the floor, wall or stand
6. electronic communications sent and received by cellphone
8. allows computers, smartphones, or other devices to connect to the internet
9. you can sing along to it in the car
10. portable device which uses network technology

Answers:  
 Across 2)satellite 4)internet 7)landline 11)digital 12)robocall 13)closed captioning 14)remote control  
 Down 1)broadcast 3)auction 5)television 6)text 8)WiFi 9)radio 10)mobile phone

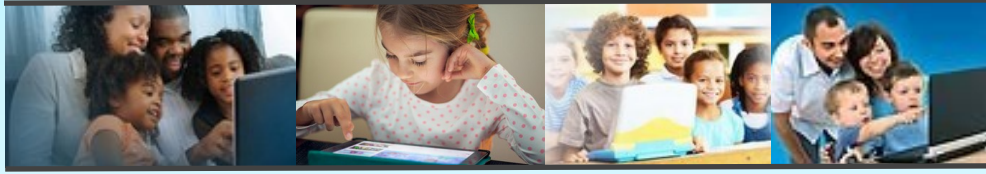
## Find The Changes



Can you find the differences between the 2 pictures?







## Online Safety

**While the Internet provides a lot of tools and resources, it also offers opportunities for criminals and predators. When using the Internet, here are a few things to keep in mind in order to protect yourself:**

**Personal Information:** talk to a trusted adult before providing any website with your full name, address, phone number, birthday, or other information that could be used by strangers to find you or impersonate you.



**Passwords:** don't use the same password for multiple accounts or websites. Also, don't allow web browsers to remember passwords for you, as that saves them where a hacker might find them.

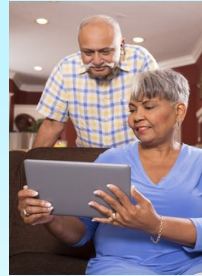
**Photos:** remember that pictures posted on the Internet may be there forever, so don't post any pictures that you would not want future employers to see.



**Privacy Settings:** change your social media privacy settings so that only your friends and family can see your personal data and sensitive posts.

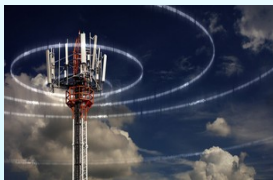
## Fun\* Facts

The average 65-year old has seen more than 2 million TV commercials. Hopefully, there were some TV shows mixed in there somewhere.



The Fiber Optic Link Around the Globe (FLAG) is a mostly-underwater cable network over 17,400 miles long that connects Europe, Asia and the Americas. If you took all this cable and put it in a straight line, the phone companies would be very mad at you.

Early telephone wires were ranked for use based on how tasty they were to mice and rats. To this day, no telephone networks use cheese wires.



The term "broadcasting" was originally from agriculture, meaning to spread seeds over a wide area. The term "cablecasting", however, does not mean seeds being delivered to your home through wires.

[For more Information:](#)

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