

# CHAPTER 5 RELATIONSHIPS IN TRIANGLES GET READY FOR

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**How to do relationships in triangles?** The longest side in a triangle is opposite the largest angle, and the shortest side is opposite the smallest angle. Triangle Inequality: In any triangle, the sum of the lengths of any two sides is greater than the length of the third side. Pythagorean Theorem: In a right triangle with hypotenuse  $c$ ,  $a^2 + b^2 = c^2$ .

**What side angle relationship is given in the following triangle?** Relationship Between Angles and Sides: In a triangle, the longest side and the largest angle will be opposite each other and the shortest side and the smallest angle will also be opposite each other.

**What are the criteria for congruence of triangles?** Congruence of triangles: Two triangles are said to be congruent if all three corresponding sides are equal and all the three corresponding angles are equal in measure. These triangles can be slides, rotated, flipped and turned to be looked identical. If repositioned, they coincide with each other.

**What is the longest side of a triangle?** We define the side of the triangle opposite from the right angle to be the hypotenuse,  $h$ . It is the longest side of the three sides of the right triangle. The word "hypotenuse" comes from two Greek words meaning "to stretch", since this is the longest side.

**What to do in a triangle relationship?** Communication is key when navigating through a love triangle. Share your thoughts, feelings, and concerns openly and honestly with all parties involved. Avoiding difficult conversations or resorting to passive-aggressive behaviour will only exacerbate tensions and prolong the pain.

**What is the relationship triangle method?** The Triangle Method is all about your eyes and the other person's eyes and mouth. You are first supposed to look at one of the eyes of that person. Then you quickly shift to looking at that person's mouth, followed by glancing at their other eye. The three body parts form the so-called Golden Triangle.

**What angle relationship is a triangle?** Angle-Side Relationship: In a triangle, the largest side is opposite the largest angle and vice versa and the shortest side is opposite the smallest angle and vice versa.

**How to do angle side relationships in triangles?**

**Which is the shortest side?** The shortest side of a triangle is always opposite the smallest angle. For example, in  $\triangle ABC$  below, side BC is the shortest side and is opposite angle A.

**How to find the area of triangles?**

**What is the congruence rule?** Two triangles are said to be congruent if two sides and the included angle of one triangle are equal to the two sides and the included angle of the other triangle.

**How to prove congruent triangles?** The ASA Theorem (angle-side-angle) says that if two angles and the side between them of one triangle are congruent to two angles and the side between of another triangle, then the triangles are congruent. There is no need to check the value of the third angle or the other two sides.

**Is hypotenuse only for right triangles?** The hypotenuse side is opposite to the right angle, which is the biggest angle of all the three angles in a right triangle. Basically, the hypotenuse is the property of only the right triangle and no other triangle.

**Does the Pythagorean apply to all triangles?** Hence we can say that the Pythagorean theorem only works for right triangles.

**What are the two shortest sides of a right triangle called?** The longest side of the right triangle (the side opposite the  $90^\circ$  angle) is called the hypotenuse and the

other two (shorter) sides are called the legs of the triangle.

**What is the triangle of relationships?** A love triangle generally refers to a relationship between three people having two of them crushing on or loving the third. The third one here feels for either of the two.

**What is the theory of triangles relationships?** The triangular theory of love explains the topic of love in an interpersonal relationship. Psychologist Robert Sternberg's theory describes types of love based on three different scales: intimacy, passion, and commitment.

**What is the triangle test in relationships?** Triangle Test This test involves the manipulation of a third person to obtain information about the relationship. A common form of triangle testing is to induce a jealous reaction by mentioning an interested third party.

**How to make someone fall in love with you again?**

**What is the triangle trick on girls?** "The triangle method, or triangular gazing, is a non-verbal flirting technique that involves moving your gaze from one eye of the person you're attracted to, to the other eye, then down to their mouth and back up again," Deon Black tells The Knot. "It's like playing connect-the-dots with someone's face."

**What is a triangle relationship called?** A love triangle is a scenario or circumstance, usually depicted as a rivalry, in which two people are pursuing or involved in a romantic relationship with one person, or in which one person in a romantic relationship with someone is simultaneously pursuing or involved in a romantic relationship with someone else.

**What triangle relationships prove congruence?** Two triangles are congruent if they meet one of the following criteria. : All three pairs of corresponding sides are equal. : Two pairs of corresponding sides and the corresponding angles between them are equal. : Two pairs of corresponding angles and the corresponding sides between them are equal.

**What is the relationship between triangles?** Relationship between sides and angles. In any triangle, the largest side and largest angle are opposite one another.

In any triangle, the smallest side and smallest angle are opposite one another. In any triangle, the mid-sized side and mid-sized angle are opposite one another.

### **How do you solve angle relationships?**

**How do you find the relationship between triangles?** If the measures of the corresponding sides of two triangles are proportional then the triangles are similar. Likewise if the measures of two sides in one triangle are proportional to the corresponding sides in another triangle and the including angles are congruent then the triangles are similar.

**What are the relationships of 45 45 90 right triangle?** A 45-45-90 triangle exhibits a special relationship among the three side measures. With angle measures given, we can say that the three angles are in the ratio 1:1:2 and the two sides opposite 45 degree angles are both equal in length.

### **How to do angle side relationships in triangles?**

**What is the triangle of relationships?** A love triangle generally refers to a relationship between three people having two of them crushing on or loving the third. The third one here feels for either of the two.

**What is a triangle relationship called?** A love triangle is a scenario or circumstance, usually depicted as a rivalry, in which two people are pursuing or involved in a romantic relationship with one person, or in which one person in a romantic relationship with someone is simultaneously pursuing or involved in a romantic relationship with someone else.

**What is the relationship formula?** A linear relationship (or linear association) is a statistical term used to describe a straight-line relationship between two variables. Linear relationships can be expressed either in a graphical format or as a mathematical equation of the form  $y = mx + b$ .

### **How do you solve angle relationships?**

**How to find hypotenuse?** The hypotenuse is termed as the longest side of a right-angled triangle. To find the longest side we use the hypotenuse formula that can be easily driven from the Pythagoras theorem,  $(\text{Hypotenuse})^2 = (\text{Base})^2 + (\text{Altitude})^2$ .

Hypotenuse formula =  $\sqrt{(\text{base})^2 + (\text{height})^2}$  (or)  $c = \sqrt{a^2 + b^2}$ .

**What is the rule of the triangle?** The rule of the sides of a triangle is that the sum of the lengths of any two sides of a triangle is always greater than the length of the third side. This rule is also known as the triangle inequality theorem. This implies that we cannot have a triangle with lengths 3, 4, 9 as  $3 + 4 = 7 < 9$ .

**How to find the area of triangles?**

**Is the smallest angle opposite the shortest side?** Side-Angle Relationship: In triangles, the shortest side is always opposite the smallest angle; the longest side is always opposite the largest angle. Conversely, the smallest angle is always opposite the shortest side, and the largest angle is always opposite the longest side.

**Is the longest side opposite the largest angle?**

**What is the shortest side of a triangle?** The shortest side of a triangle is always opposite the smallest angle. For example, in  $\triangle ABC$  below, side BC is the shortest side and is opposite angle A.

**Is it OK to be in a love triangle?** It may be painful, but being in a love triangle doesn't make you a bad person. Own up to whatever got you into this situation and be confident in whatever you do to get out of it. You may choose to stay in the love triangle. While unconventional, polyamory may be the option that works best for you, and that is fine.

**What are the triangle relationships?** A triangle might occur between 3 people (for example 2 parents and their child), or between 2 people and a third element (such as work or illness). The trouble is, adding a third point (usually unknowingly) can stop you from actually addressing relationship problems head on.

**How are the angles and side lengths within triangles related?** In any triangle: The shortest side is always opposite the smallest interior angle. The longest side is always opposite the largest interior angle.

**What does OSHA stand for in MCQ?** Quiz: Introduction. 1) The \_\_\_\_\_ created the Occupational Safety and Health Administration (OSHA) to set and enforce protective workplace safety and health standards.

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**What is hazard in safety tcs answers?** A hazard is a source or a situation with the potential for harm in terms of human injury or ill-health, damage to property, damage to the environment, or a combination of these.

**When going down the curb of a sidewalk with a client in a wheelchair?** For a high curb, the backward approach is simple and generally safe if the wheelchair has adequate rear stability and sufficient visibility is available to avoid oncoming traffic. However, even more so than for descending low curbs, it is important to keep the rear wheels moving backward to avoid a rear tip.

**Who to ask if you have questions about safety and health?** The first person to ask about safety and health on the job should always be your employer or supervisor, since they know your workplace best.

**What are OSHA employees called?** OSHA inspectors, called compliance safety and health officers, are experienced, well-trained industrial hygienists and safety professionals whose goal is to assure compliance with OSHA requirements and help employers and workers reduce on-the-job hazards and prevent injuries, illnesses, and deaths in the workplace.

**What is OSHA code?** OSHA standards are rules that describe the methods that employers must use to protect their employees from hazards. There are four groups of OSHA standards: General Industry, Construction, Maritime, and Agriculture.

**What is the 5 types of hazard in Oshas?** Health hazards include chemical hazards (solvents, adhesives, paints, toxic dusts, etc.), physical hazards (noise, radiation, heat, etc.), biological hazards (infectious diseases), and ergonomic risk factors (heavy lifting, repetitive motions, vibration).

**What is the difference between a risk and a hazard?** A Hazard is something that has the potential to harm you. Risk is the likelihood of a hazard causing harm.

**What is risk in safety?** What is Risk? When we refer to risk in relation to occupational safety and health the most commonly used definition is 'risk is the likelihood that a person may be harmed or suffers adverse health effects if exposed to a hazard.'

**When should a wheelchair be pulled backwards?** When the gradient is very steep, it is advisable to go down backwards to prevent the person in the wheelchair from being tipped forwards. and back. Push down firmly, keeping fingers clear of the edge of the seat frame.

**When operating a fire extinguisher, you should stand 2 to 4 feet away from the fire.**? PASS: USING PORTABLE EXTINGUISHERS Keep your back to a clear exit, stand six to eight feet away from the fire, and remember the acronym PASS. Point the extinguisher nozzle or hose at the base of the fire.

**What are the rules for pushing a wheelchair?** When pushing, be close to the wheelchair, have a straight back and push with your whole body-weight and leg muscles. Keep your arms near your body and your elbows bent. When stopped, ensure that the brakes are on at all times. To fully apply brakes: push them until they 'click' on.

**What are the three safety questions?**

**What is a famous quote on safety?** "The danger which is least expected soonest comes to us." "At the end of the day, the goals are simple: Safety and security." "The safety of the people shall be the highest law." "The automobile has brought death, injury and the most inestimable sorrow and deprivation to millions of people."

**What is the safety question?** What are safety questions? Safety questions are inquiries that a manager can pose to their team members to learn about their understanding of workplace safety procedures. A safety question might explore a broad topic, such as how to maintain general safety.

**What is the walkaround rule for OSHA?** In the event of an inspection, the employer and employee each has the right to authorize a representative to accompany OSHA officials during a walkaround. The Final Rule clarifies that employees may authorize another employee to serve as their representative or a non-employee.

**Can I refuse to work if I feel unsafe?** If the condition clearly presents a risk of death or serious physical harm, there is not sufficient time for OSHA to inspect, and, where possible, you have brought the condition to the attention of your employer,

you may have a legal right to refuse to work in a situation in which you would be exposed to the hazard.

### **What to do if OSHA comes knocking?**

**What are 5 OSHA standards?** Examples of OSHA standards include requirements to provide fall protection, prevent trenching cave-ins, prevent exposure to some infectious diseases, ensure the safety of workers who enter confined spaces, prevent exposure to such harmful substances as asbestos and lead, put guards on machines, provide respirators or ...

**How many hours can you work in a day according to OSHA?** According to the Occupational Safety and Health Administration (OSHA), a typical workday cannot exceed 8 hours in length, with at least 8 hours of respite between each shift. Five of these days make up a typical workweek.

**What are the two types of OSHA?** OSHA 10-Hour Or OSHA 30-Hour? The 10-Hour OSHA training course is sufficient for many entry-level workers, but the actual requirements will depend on what your workplace wants. 30-Hour OSHA training is generally recommended for supervisors, site leads or managers who will have any sort of safety responsibility.

**What is OSHA short for?** Occupational Safety and Health Administration.

**What does the OSHA refer to?** The Occupational Safety and Health Administration (OSHA) is a regulatory agency of the United States Department of Labor. Originally, OSHA was created in 1970 and is responsible for directing initiatives that relate to the health and safety of workers across the country.

**What does OSHA stand for and why is it important?** OSHA stands for the Occupational Safety and Health Administration, an agency of the U.S. Department of Labor. OSHA's responsibility is worker safety and health protection.

**What is the OSHA quizlet?** OSHA is the occupation safety and health administration, a division of the department of labor. It's purpose is to establish and enforce safety standards for the work place.



**How do I get indicators in Excel?** Right-click the column heading to the right of where you want to put the Indicators column. Click Insert Column, and then click Indicators.

**How Excel is used in trading?** Excel spreadsheets can not only keep track of investments but also calculate performance and degree of volatility. Excel can calculate the difference of an asset's current price minus its entry price. Excel can calculate the percentage return on an asset and assess profit and loss.

**What is the technical analysis add in Excel?** Technical Analysis With Excel Tulip Cell is a free technical analysis plug in for Excel, based on Tulip Indicators. It offers over 100 free technical analysis indicators, such as moving averages, stochastic oscillator, MACD, Bollinger Bands, and more.

**How do you calculate indicators?** Indicators can be calculated either by shift, time period or candle/bar period. One can divide indicator calculation approaches by source of their price inputs: Named indicator - base case, supported with 4 methods for each indicator (see Indicator catalog for usage examples).

**How do you use indicator sets in Excel?**

**How do I create a trading chart in Excel?** First, select the range of cells, then click on insert, and then click on the "See All Charts Arrow". Then click on all charts, click on stock, select volume open high low close chart, and click OK. Select cells > Insert > All charts > Stock > Volume Open High Low > Ok.

**How do I connect Excel to stock market?** To create a table, go to Insert > Table. With the cells still selected, go to the Data tab, and then click either Stocks or Geography. Select one or more cells with the data type, and the Insert Data button will appear. Click that button, and then click a field name to extract more information.

**How do I maintain an Excel spreadsheet for trading?**

**What are technical indicators in Excel spreadsheet?**

**What is the best Excel add-in for stock analysis?** The Stock Connector add-in lets you link US stocks, market indexes, mutual funds, international stocks,

currencies, crypto, precious metals futures, or ETFs to cells in the spreadsheet and updates them automatically.

**How to create a MACD chart in Excel?** Creating the charts With all the columns set up, the next part is to put the key data into a chart to illustrate the MACD line, Signal line, and Histogram. To make the chart look like a typical MACD chart, I'll need to set the MACD line and Signal line to be line charts, and for the Histogram to be a column chart.

**How to create an indicator in Excel?**

**What are 3 common indicators?** An indicator is used to differentiate between an acidic substance and a basic substance. There is a range of different indicators. Among all, the common indicators are as follows; litmus, china rose, turmeric and phenolphthalein. (b) The acid-base indicator which is extracted from lichen is litmus.

**How do you set trading indicators?**

**How do you calculate key performance indicators in Excel?**

**How do I add a trend indicator in Excel?** In the chart, select the data series that you want to add a trendline to, and then click the Chart Design tab. For example, in a line chart, click one of the lines in the chart, and all the data marker of that data series become selected. On the Chart Design tab, click Add Chart Element, and then click Trendline.

**How do I create a KPI dashboard in Excel?**

**How do traders use Excel?** It will help you identify market patterns and trends and make informed investment decisions. An Excel formula can calculate a stock's growth or decline over time based on its price. As a result, you can better understand a stock's past performance and other stocks in the market.

**How to use Excel for stock market?** To create a table, go to Insert > Table. With the cells still selected, go to the Data tab, and then click Stocks. Select one or more cells with the data type, and the Add Column button will appear. Click that button, and then click a field name to extract more information.

**Can I connect TradingView to Excel?** TradingView + Microsoft Excel Integration. With just one click, you're all set with the TradingView & Microsoft Excel integrations. **START NOW — IT'S FREE!**

**How to get daily stock prices in Excel?** ' First, you type the stock ticker symbol in a cell. Then, you go to the Data tab and click on 'Stocks. ' Excel recognizes the stock and provides real-time information. These data updates automatically.

**Is Excel good for stocks?** Whether you want to track an existing portfolio, use Excel functions to inform selling, or track stocks on your watchlist to know when/if to buy, you can use Excel's built-in “Stocks” feature to pull the information you'll need.

**What are the 5 types of data in a spreadsheet?**

**How to create an Excel sheet for trading?** Getting started with Excel, adding columns You can use the first sheet name Sheet1 or rename it to Trades if you like. Add a column header for each data point you would like to track for each trade. In the example below we have used the minimum required data points and a few additional columns we want to track.

**How to create a stock market dashboard in Excel?**

**How to make an equity curve in Excel?**

**How do I create a performance indicator in Excel?**

**How do I show arrow indicators in Excel?**

**Where is status indicator in Excel?** The status bar at the bottom of Office programs displays status on options that are selected to appear on the status bar. Many options are selected by default. If you want to customize the status bar, right-click it, and then click the options that you want.

**What is a cell indicator in Excel?** By default, Excel displays an indicator when a cell contains a comment or a note. You can control how Excel displays comments and indicators in cells by changing the default settings to always show or hide the comments.

**What is the KPI formula?** Build the KPI formula. For example, a KPI that measures productivity in revenue by machine would look like this: Total Revenue divided by the total number of machines. Build formulas and create calculations with test data to see if the results are what you would expect.

**How do you calculate performance indicators?** The KPI of a department or a branch is the sum of the KPI values of all employees who work in a department, divided by the number of employees. When the coefficient is received, its relation to the planned indicator is calculated. The manager sees how effectively the entire department has worked.

**What is indicator in MS Excel?** The Excel Indicator is an indicator that uses a Microsoft Excel File to perform calculations. Spatial information can be sent to an uploaded Excel spreadsheet and score and explanation information is retrieved from the file to be displayed in the project main view.

**How to show trend in Excel?** Add a trendline On the Chart Design tab, click Add Chart Element, and then click Trendline. Choose a trendline option or click More Trendline Options.

**Where is the mode indicator in Excel?** On the left-most side of the Excel status bar, the cell mode indicator awaits your attention. This indicator serves as a helpful visual cue, informing you about the current state of the active cell. It keeps you aware of whether you are in a ready state, editing content, confirming changes, or referring to other cells.

**How do I show comment indicator in Excel?**

**How to set indicators in Excel?**

**How do you begin a formula in Excel?** On the worksheet, select the cell in which you want to enter the formula. Type the = (equal sign) followed by the constants and operators (up to 8192 characters) that you want to use in the calculation. For our example, type =1+1.

**How do I create a progress status in Excel?**

## How to create KPIs in Excel?

**What is the red indicator in Excel?** A red triangle in the upper-right corner of a cell indicates that a note is in the cell. If you rest the mouse pointer over the triangle, you can view the text of the note.

**What are key risk indicators Excel?** KRIs, or Key Risk Indicators, are used to monitor risk exposures over time in view to give an early warning of possible degradation, or of potential risk occurrence. Therefore, working with KRIs means using specific measures related to some thresholds, with an analysis of volatility and trending.

## Understanding Business 9th Edition Quizzes: Questions and Answers

**Understanding Business 9th Edition** is a comprehensive textbook that provides a thorough overview of the principles and practices of business. Students can enhance their understanding of the material by completing the quizzes available at the end of each chapter. Here are some questions and answers from these quizzes:

### Paragraph 1

- **Question:** What is the primary goal of a business?
- **Answer:** To maximize profit.
- **Question:** What are the three main types of businesses?
- **Answer:** For-profit, non-profit, and government.

### Paragraph 2

- **Question:** What are the four factors of production?
- **Answer:** Land, labor, capital, and entrepreneurship.

- **Question:** What is the difference between a corporation and a partnership?
- **Answer:** A corporation is a legal entity separate from its owners, while a partnership is not.

### Paragraph 3

- **Question:** What are the three main financial statements?
- **Answer:** Income statement, balance sheet, and cash flow statement.
- **Question:** What is the purpose of market research?
- **Answer:** To gather information about customers and competitors.

### Paragraph 4

- **Question:** What are the four Ps of marketing?
- **Answer:** Product, price, promotion, and place.
- **Question:** What is the difference between advertising and public relations?
- **Answer:** Advertising is paid communication, while public relations is unpaid communication.

### Paragraph 5

- **Question:** What are the three main types of management?

- **Answer:** Top management, middle management, and operational management.
- **Question:** What is the purpose of a SWOT analysis?
- **Answer:** To identify a company's strengths, weaknesses, opportunities, and threats.

These questions and answers provide a glimpse into the depth of coverage in **Understanding Business 9th Edition**. By completing the quizzes, students can assess their understanding and identify areas where further study is needed.

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